

AC ADD52356;
 XX 15-JAN-2004 (first entry)
 XX Human PRO polypeptide #201.
 XX
 XX Human: PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 XX Homo sapiens.
 OS
 PN US2003194769-A1.
 XX
 PD 16-OCT-2003.
 XX
 PF 21-MAY-2002; 2002US-00152374.
 XX
 PR 09-DEC-1999; 99US-0170262P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 PA
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI: 2003-852593/79.
 DR N-PSDB; ADD52355.
 XX
 PT New isolated, secreted and transmembrane PRO polypeptides and nucleic
 PT acids, useful for detection of tumors, modulating the uptake of glucose
 PT or free fatty acids and stimulating the release of proteoglycans from
 PT cartilage.
 XX
 PS Claim 12; Fig 402; 637pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 OY 1 MACRCLFLMGNFLSVSQVLAQLDALLVFPQVLAQSLCTLSPQHVITRDYGVSWYQQR 60
 DB 1 MACRCLFLMGNFLSVSQVLAQLDALLVFPQVLAQSLCTLSPQHVITRDYGVSWYQQR 60
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 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDAHNACVLITISPVQPEDDADYYCSVGYG 120
 OY 121 FSP 123
 DB 121 FSP 123
 RESULT 159
 ADD53096
 ID ADD53096 standard; protein; 123 AA.
 XX
 AC ADD53096;
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 DT 15-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 OS Homo sapiens.
 XX
 PN US2003194792-A1.
 XX
 PD 16-OCT-2003.
 XX
 PF 15-APR-2002; 2002US-00123156.
 XX
 PR 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 01-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 10-MAR-1999; 2000WO-US006319.

PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023069.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 16-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000319.
 PR 06-JAN-2000; 2000WO-US000377.
 PR 11-FEB-2000; 2000WO-US000376.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006566.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 18-MAY-2001; 2001US-00854280.
 PR 25-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019592.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.

PR 29-JUN-2001; 2001WO-US021056.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.
 PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2003-852599/79.
 DR N-PSDB; ADD53095.
 XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PT PRO4978, useful in chromosome and gene mapping, in generating antisense
 PT RNA and DNA, and in the treatment of cancer.
 XX Claim 12; Fig 402; 638pp; English.
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX Sequence 123 AA;
 SQ

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQDLALVFPQVAQCTLSQPHVTIRYGVSWQQR 60
 DB 1 MACRCLSFLLMGTFSLVSQTVLAQDLALVFPQVAQCTLSQPHVTIRYGVSWQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISVPQPEDDADYVCVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISVPQPEDDADYVCVGYG 120
 QY 121 PSP 123
 |||

Db 121 FSP 123

RESULT 160

ADD53648

ID ADD53648 standard; protein; 123 AA.

XX

AC ADD53648;

XX

DT 15-JAN-2004 (first entry)

XX

DE Novel human secreted and transmembrane protein PRO619.

XX

KW Human; secreted and transmembrane protein; PRO;

KW Tumour necrosis factor alpha release; TNF-alpha release;

KW Glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator; tumour;

KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX

OS Homo sapiens.

XX

XX

PN US2003203437-A1.

XX

PD 30-OCT-2003.

XX

PF 15-MAY-2002; 2002US-00146728.

XX

PR 01-JUL-1998; 98US-0091360P.

PR 02-JUN-1999; 99WO-US012252.

PR 01-DEC-2000; 2000US-00380137.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX

XX (GETH) GENENTECH INC.

PA

PI Baker KP, Bersini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen WF, Goddard A, Godowski P, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX

DR WPI; 2003-875644/81.

DR N-PSDB; ADD53647.

XX

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or

PT PRO4978, useful in molecular biology, chromosome and gene mapping, in

PT generating antisense RNA and DNA, and in gene therapy.

XX

PS Claim 12; SEQ ID NO 402; 659pp; English.

XX

XX The invention describes 305 nucleic acids encoding PRO (secreted and

CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in pericyte

CC cells, for stimulating the release of or gene expression from cartilage,

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PBMC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

CC polypeptide.

XX

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRLSFLMGTLSVSQTVLAQLDALLVPPGQVAQLSCTLSQPHVTIRDYGVSWYQQR 60

Db 1 MACRLSFLMGTLSVSQTVLAQLDALLVPPGQVAQLSCTLSQPHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYYRSEDEHRRPADIPDRFSAAKDEAHNACVLITISPVQEDDADYYCVSVGYG 120

Db 61 AGSAPRYLLYYRSEDEHRRPADIPDRFSAAKDEAHNACVLITISPVQEDDADYYCVSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 161

ADD55090

ID ADD55090 standard; protein; 123 AA.

AC ADD55090;

DT 15-JAN-2004 (first entry)

DE Human PRO polypeptide #25.

KW Human; PRO; pancreatic beta-cell precursor cell; pancreatic beta-cell;

KW insulin deficiency; diabetes mellitus; haemoglobin-associated disorder;

KW thalassaemia; endothelial cell growth; cancer; cystic renal dysplasia;

KW polycystic kidney disease; renal tumour; antidiabetic; antianaemic;

KW polycystic; cardiac; vulnary; antiinflammatory; anorectic.

XX Homo sapiens.

XX US2003077593-A1.

XX 24-APR-2003.

XX 19-NOV-2001; 2001US-00989328.

XX 16-JUN-1997; 97US-0049787P.

XX 17-OCT-1997; 97US-0082250P.

XX 05-NOV-1997; 97WO-US020069.

XX 12-NOV-1997; 97US-0065186P.

XX 13-NOV-1997; 97US-0065311P.

XX 24-NOV-1997; 97US-0066770P.

XX 25-FEB-1998; 98US-0075945P.

XX 20-MAR-1998; 98US-0078910P.

XX 28-APR-1998; 98US-0083322P.

XX 07-MAY-1998; 98US-0084600P.

XX 02-JUN-1998; 98US-0087106P.

XX 02-JUN-1998; 98US-0087607P.

XX 02-JUN-1998; 98US-0087609P.

XX 02-JUN-1998; 98US-0087759P.

XX 03-JUN-1998; 98US-0088021P.

XX 04-JUN-1998; 98US-0088025P.

XX 04-JUN-1998; 98US-0088026P.

XX 04-JUN-1998; 98US-0088028P.

XX 04-JUN-1998; 98US-0088029P.

XX 04-JUN-1998; 98US-0088030P.

XX 04-JUN-1998; 98US-0088033P.


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PR 04-AUG-1998; 98US-0095318P.
PR 04-AUG-1998; 98US-0095321P.
PR 04-AUG-1998; 98US-0095335P.
PR 10-AUG-1998; 98US-0095916P.
PR 10-AUG-1998; 98US-0095929P.
PR 10-AUG-1998; 98US-0096012P.
PR 11-AUG-1998; 98US-0096143P.
PR 11-AUG-1998; 98US-0096146P.
PR 12-AUG-1998; 98US-0096329P.
PR 17-AUG-1998; 98US-0096757P.
PR 17-AUG-1998; 98US-0096766P.
PR 17-AUG-1998; 98US-0096768P.
PR 17-AUG-1998; 98US-0096773P.
PR 17-AUG-1998; 98US-0096791P.
PR 17-AUG-1998; 98US-0096867P.
PR 17-AUG-1998; 98US-0096891P.
PR 17-AUG-1998; 98US-0096894P.
PR 17-AUG-1998; 98US-0096895P.
PR 17-AUG-1998; 98US-0096897P.
PR 18-AUG-1998; 98US-0096949P.
PR 18-AUG-1998; 98US-0096950P.
PR 18-AUG-1998; 98US-0096952P.
PR 18-AUG-1998; 98US-0096954P.
PR 18-AUG-1998; 98US-0097355P.
PR 26-AUG-1998; 98US-0097917P.
PR 26-AUG-1998; 98US-0097974P.
PR 26-AUG-1998; 98US-0097978P.
PR 26-AUG-1998; 98US-0097979P.
PR 26-AUG-1998; 98US-0097986P.
PR 26-AUG-1998; 98US-0098014P.
PR 31-AUG-1998; 98US-0098525P.
PR 16-SEP-1998; 98US-0100634P.
PR 16-SEP-1998; 98US-0100634P.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98US-0101943P.
PR 07-OCT-1998; 98US-0102114P.
PR 01-DEC-1998; 98US-0102510P.
PR 22-DEC-1998; 98US-0113236P.
PR 05-JAN-1999; 99US-00000106.
PR 08-MAR-1999; 99US-00005028.
PR 12-MAR-1999; 99US-0123957P.
PR 02-JUN-1999; 99US-0121252P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0143048P.
PR 20-JUL-1999; 99US-0144758P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 17-AUG-1999; 99US-0149396P.
PR 15-SEP-1999; 99US-0149396P.
PR 15-SEP-1999; 99US-01547P.
PR 08-OCT-1999; 99US-0158631P.
PR 30-NOV-1999; 99US-0158631P.
PR 01-DEC-1999; 99US-0158631P.
PR 01-DEC-1999; 99US-0158631P.
PR 16-DEC-1999; 99US-0158631P.
PR 20-DEC-1999; 99US-0158631P.
PR 05-JAN-2000; 2000US-0000219.
PR 06-JAN-2000; 2000US-0000219.
PR 11-FEB-2000; 2000US-0003565.
PR 18-FEB-2000; 2000US-0004341.
PR 22-FEB-2000; 2000US-0004341.
PR 24-FEB-2000; 2000US-0004341.
PR 24-FEB-2000; 2000US-0004341.
PR 02-MAR-2000; 2000US-0005841.
PR 10-MAR-2000; 2000US-0006319.
PR 15-MAR-2000; 2000US-0006884.
PR 20-MAR-2000; 2000US-0007377.

PR 30-MAR-2000; 2000US-0008439.
PR 15-MAY-2000; 2000US-0013358.
PR 17-MAY-2000; 2000US-0013705.
PR 22-MAY-2000; 2000US-0014042.
PR 30-MAY-2000; 2000US-0014941.
PR 02-JUN-2000; 2000US-0015264.
PR 23-JUN-2000; 2000US-0213637P.
PR 28-JUL-2000; 2000US-02020710.
PR 11-AUG-2000; 2000US-0202031.
PR 23-AUG-2000; 2000US-0203522.
PR 24-AUG-2000; 2000US-0203528.

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTTLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSWYQOR 60
Db 1 MACRCLSFLLMGTFLSVSQTTLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRSAKDEAHNACVLTISPQEDDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRSAKDEAHNACVLTISPQEDDDADYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 163
ADD51804
ID ADD51804 standard; protein; 123 AA.
XX AC ADD51804;
XX DT 15-JAN-2004 (first entry)
XX DE Human PRO polypeptide #201.
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumor necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX US2003194779-A1.
XX PN 16-OCT-2003.
XX PD 30-MAY-2002; 2002US-00160500.
XX PF 05-JUN-2000; 2000US-0209832P.
XX PR 01-DEC-2000; 2000US-032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX RA (GETH ) GENENTECH INC.
XX PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX DR WPI; 2003-852597/79.
XX DR N-PSDB; ADD51803.
XX PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
for detecting the presence of a tumor, stimulating the release of tumor
```

PT necrosis factor alpha from human blood and treating, e.g. organ failure.
XX Claim 12; Fig 402; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCUSFLMGMFLSVQTVLAQLDALLVFGQVAQLSCTISPOHVTIRDYGVSWYQOR 60
DB 1 MACRCUSFLMGMFLSVQTVLAQLDALLVFGQVAQLSCTISPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSGVG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSGVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 164
ADD02603
ID ADD02603 standard; protein; 123 AA.
AC ADD02603;
DT 15-JAN-2004 (first entry)
XX Human PRO polypeptide #201.
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003203431-A1.
FN 30-OCT-2003.
PD 24-APR-2002; 2002US-00131820.
PF 28-OCT-1998; 98US-0106030P.
PR 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 18-FEB-2000; 2000WO-US004342.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-875638/81.
DR N-PSDB; ADD02602.
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX Claim 12; Fig 402; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
the USPTO at seqdata.uspto.gov/sequence.html.

Query Match 100.0%; Score 657; DB 7; Length 123;
Sequence 123 AA;

Best Local Similarity 100.0%; Pred. No. 4.3e-62; Mismatches 0; Indels 0; Gaps 0;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MACRCLFLLMGTLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLFLLMGTLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHHRPADIPDRSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 Qy 121 FSP 123
 Db 121 FSP 123
 RESULT 165
 ADD02037
 ID ADD02037 standard; protein; 123 AA.
 AC ADD02037;
 XX
 DT 15-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 OS Homo sapiens.
 XX
 FN US2003203430-A1.
 XX
 PD 30-OCT-2003.
 XX
 PF 23-APR-2002; 2002US-00128685.
 XX
 PR 11-AUG-1998; 98US-0096143P.
 PR 02-JUN-1999; 99WO-US012252.
 PR 30-MAR-2000; 2000US-00380137.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 FA (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 FI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WP1; 2003-875637/81.
 DR N-PSDB; ADD02036.
 XX
 PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
 PT generating antisense RNA and DNA, and in gene therapy.
 XX
 PS Claim 12; Fig 402; 637pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MACRCLFLLMGTLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLFLLMGTLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHHRPADIPDRSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 Qy 121 FSP 123
 Db 121 FSP 123
 RESULT 166
 ADD54219
 ID ADD54219 standard; protein; 123 AA.
 XX
 AC ADD54219;
 XX
 DT 15-JAN-2004 (first entry)
 XX
 DE Novel human secreted and transmembrane protein PRO619.
 XX
 KW Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW gene therapy; chromosome identification; chromosome marker.
 XX
 OS Homo sapiens.
 XX
 FN US2003203432-A1.
 XX
 PD 30-OCT-2003.
 XX
 PF 10-MAY-2002; 2002US-00142886.

XX 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2003-875639/81.
DR N-PSDB; ADD54218.
XX
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
XX Claim 12; SEQ ID NO 402; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PSC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4,3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLMGTFLSVSQTVAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db |||||
1 MACRCLSFLMGTFLSVSQTVAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGVG 120
Db |||||
61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGVG 120
QY 121 FSP 123
Db |||
121 FSP 123
RESULT 167
ADD54486
ID ADD54486 standard; protein; 123 AA.
XX

AC ADD54486;
XX 15-JAN-2004 (first entry)
XX Human PRO polypeptide #25.
XX
XX Human; PRO; pancreatic beta-cell precursor cell; pancreatic beta-cell;
KW insulin deficiency; diabetes mellitus; haemoglobin-associated disorder;
KW thalassemia; endothelial cell growth; cancer; cystic renal dysplasia;
KW polycystic kidney disease; renal tumour; antidiabetic; antianaemic;
XX cytotostatic; cardiant; vulnerary; antiinflammatory; anorectic.
XX Homo sapiens.
XX OS
XX US2002132253-A1.
XX 19-SEP-2002.
XX
XX 14-NOV-2001; 2001US-00991163.
XX
XX 16-JUN-1997; 97US-0049787P.
PR 17-OCT-1997; 97US-0062250P.
PR 05-NOV-1997; 97WO-US020069.
PR 12-NOV-1997; 97US-0065186P.
PR 13-NOV-1997; 97US-0065311P.
PR 24-NOV-1997; 97US-0066770P.
PR 25-FEB-1998; 98US-0075945P.
PR 28-APR-1998; 98US-0083322P.
PR 07-MAY-1998; 98US-0084600P.
PR 28-MAY-1998; 98US-0087106P.
PR 02-JUN-1998; 98US-0087607P.
PR 02-JUN-1998; 98US-0087609P.
PR 02-JUN-1998; 98US-0087759P.
PR 03-JUN-1998; 98US-0087827P.
PR 04-JUN-1998; 98US-0088021P.
PR 04-JUN-1998; 98US-0088025P.
PR 04-JUN-1998; 98US-0088026P.
PR 04-JUN-1998; 98US-0088028P.
PR 04-JUN-1998; 98US-0088029P.
PR 04-JUN-1998; 98US-0088030P.
PR 04-JUN-1998; 98US-0088033P.
PR 04-JUN-1998; 98US-0088167P.
PR 05-JUN-1998; 98US-0088202P.
PR 05-JUN-1998; 98US-0088212P.
PR 05-JUN-1998; 98US-0088217P.
PR 09-JUN-1998; 98US-0088655P.
PR 10-JUN-1998; 98US-0088734P.
PR 10-JUN-1998; 98US-0088738P.
PR 10-JUN-1998; 98US-0088742P.
PR 10-JUN-1998; 98US-0088810P.
PR 10-JUN-1998; 98US-0088824P.
PR 10-JUN-1998; 98US-0088826P.
PR 11-JUN-1998; 98US-0088858P.
PR 11-JUN-1998; 98US-0088861P.
PR 11-JUN-1998; 98US-0088861P.
PR 12-JUN-1998; 98US-0088876P.
PR 12-JUN-1998; 98US-0089105P.
PR 16-JUN-1998; 98US-0089440P.
PR 16-JUN-1998; 98US-0089512P.
PR 16-JUN-1998; 98US-0089514P.
PR 17-JUN-1998; 98US-0089532P.
PR 17-JUN-1998; 98US-0089538P.
PR 17-JUN-1998; 98US-0089538P.
PR 17-JUN-1998; 98US-0089599P.
PR 17-JUN-1998; 98US-0089600P.
PR 17-JUN-1998; 98US-0089653P.
PR 18-JUN-1998; 98US-0089801P.
PR 18-JUN-1998; 98US-0089907P.
PR 18-JUN-1998; 98US-0089908P.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.

PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US0005028.
PR 02-JUN-1999; 99WO-US012252.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 30-NOV-1999; 99WO-US028313.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 06-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 30-MAR-2000; 2000WO-US008439.
PR 15-MAY-2000; 2000WO-US013358.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 01-DEC-2000; 2000WO-US032678.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 28-AUG-2001; 2001US-00941992.
XX
XX (GETH) GENENTECH INC.
XX Abkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,
PI Ferrara N, Fong S, Gerber H, Gerritsen ME, Goddard A, Godowski PJ,
PI Grimaldi JC, Gurney AL, Kljavin IJ, Napier MA, Pan J, Paoni NF,
PI Roy MA, Stewart TA, Tumas D, Watanabe CK, Williams PM, Wood WI,
PI Zhang Z;
XX WPI; 2003-695825/66.
DR N-PSDB; ADD54485.
XX
XX New PRO polypeptides and nucleic acid molecules, useful in gene therapy,
PT or in diagnosing or treating inflammatory diseases, diabetes, cancer,
PT rheumatoid arthritis, ulcers, amyotrophic lateral sclerosis or septic
PT shock.
XX
XX Claim 12; SEQ ID NO 117; 658pp; English.
XX
XX The invention relates to human PRO polypeptides and the polynucleotides
CC encoding them. The sequences are useful for inducing differentiation of
CC pancreatic beta-cell precursor cells into mature pancreatic beta-cells,
CC and thus for treating various insulin deficient states in mammals,
CC including diabetes mellitus. The sequences are also useful for treating
CC mammalian haemoglobin-associated disorders e.g., various thalassaemias,
CC undesired endothelial cell growth e.g., inhibiting tumour growth, cystic
CC renal dysplasia, polycystic kidney disease and renal tumours. The
CC polypeptides are useful for tissue typing, as molecular weight markers
CC for protein electrophoresis purposes, as therapeutic agents and as
CC hybridisation probes for isolating PRO cDNA from a cDNA library. The
CC polynucleotides are useful in gene therapy, as chromosome identification
CC recombinantly expressing molecular weight markers, in chromosome and gene
CC mapping, in the generation of anti-sense RNA and DNA and in preparation

CC of PRO polypeptides by recombinant techniques. This sequence represents a
CC human PRO polypeptide of the invention. Note: The sequence data for this
CC patent is also available in electronic format from USPTO at
CC seqdata.uspto.gov/sequence.html.
XX
XX SQ Sequence 123 AA;
XX
XX Query Match 100.0%; Score 657; DB 7; Length 123;
XX Best Local Similarity 100.0%; Pred. No. 4.3e-62;
XX Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1 MACRCLSELMLGTLSVSQTVLAQDLALVFPQVQAQLSCTLSPOHVTIRDYGSWYQQR 60
XX DQ |||||
XX 1 MACRCLSELMLGTLSVSQTVLAQDLALVFPQVQAQLSCTLSPOHVTIRDYGSWYQQR 60
XX QY 61 AGSAPRYLLYRSEEDHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYCSVGYG 120
XX DQ |||||
XX 61 AGSAPRYLLYRSEEDHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYCSVGYG 120
XX QY 121 RSP 123
XX DQ |||||
XX 121 RSP 123
XX
XX RESULT 168
XX ID ADD92536 standard; protein; 123 AA.
XX AC ADD92536;
XX XX 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #201.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX PN US2003199030-A1.
XX PD 23-OCT-2003.
XX PF 28-MAY-2002; 2002US-00156841.
XX PR 03-MAR-2000; 2000US-0187202P.
XX PR 01-DEC-2000; 2000WO-US032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-900159/82.
XX N-PSDB; ADD92535.
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX PS Claim 12; SEQ ID NO 402; 636pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating proliferation of adipocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCISFLMGTFTLSVSTVLQALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCISFLMGTFTLSVSTVLQALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 169
ADD91432
ID ADD91432 standard; protein; 123 AA.
XX
AC ADD91432;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.
XX US2003199055-A1.
XX 23-OCT-2003.
XX 12-APR-2002; 2002US-00121063.
XX 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
XX 18-JUL-1998; 98WO-US014552.
XX 28-AUG-1998; 98WO-US017888.
XX 10-SEP-1998; 98WO-US018824.
XX 14-SEP-1998; 98WO-US019093.
XX 14-SEP-1998; 98WO-US019094.
XX 14-SEP-1998; 98WO-US019177.
XX 16-SEP-1998; 98WO-US019330.
XX 17-SEP-1998; 98WO-US019437.
XX 07-OCT-1998; 98WO-US022141.
XX 29-OCT-1998; 98WO-US022991.
XX 29-OCT-1998; 98WO-US022992.
XX 20-NOV-1998; 98WO-US024855.
XX 01-DEC-1998; 98WO-US025108.
XX 05-JAN-1999; 98WO-US000106.
XX 08-MAR-1999; 98WO-US005028.
XX 10-MAR-1999; 98WO-US005190.
XX 20-APR-1999; 98WO-US000815.
XX 14-MAY-1999; 98WO-US010733.
XX 02-JUN-1999; 98WO-US012252.
XX 01-SEP-1999; 98WO-US020111.
XX 08-SEP-1999; 98WO-US020594.
XX 13-SEP-1999; 98WO-US020944.
XX 15-SEP-1999; 98WO-US021090.
XX 15-SEP-1999; 98WO-US021547.
XX 05-OCT-1999; 98WO-US023089.
XX 29-NOV-1999; 98WO-US028214.
XX 30-NOV-1999; 98WO-US028313.
XX 30-NOV-1999; 98WO-US028409.
XX 01-DEC-1999; 98WO-US028301.
XX 02-DEC-1999; 98WO-US028551.
XX 02-DEC-1999; 98WO-US028564.
XX 02-DEC-1999; 98WO-US028565.
XX 16-DEC-1999; 98WO-US030095.
XX 20-DEC-1999; 98WO-US030911.
XX 20-DEC-1999; 98WO-US030999.
XX 30-DEC-1999; 98WO-US030720.
XX 30-DEC-1999; 98WO-US031243.
XX 05-JAN-2000; 98WO-US031274.
XX 06-JAN-2000; 2000WO-US000219.
XX 06-JAN-2000; 2000WO-US000277.
XX 11-FEB-2000; 2000WO-US000376.
XX 18-FEB-2000; 2000WO-US003565.
XX 18-FEB-2000; 2000WO-US004341.
XX 22-FEB-2000; 2000WO-US004342.
XX 24-FEB-2000; 2000WO-US004414.
XX 24-FEB-2000; 2000WO-US004914.
XX 24-FEB-2000; 2000WO-US005004.
XX 01-MAR-2000; 2000WO-US005601.
XX 02-MAR-2000; 2000WO-US005746.
XX 15-MAR-2000; 2000WO-US005841.
XX 20-MAR-2000; 2000WO-US006884.
XX 21-MAR-2000; 2000WO-US007377.
XX 30-MAR-2000; 2000WO-US007532.
XX 17-MAY-2000; 2000WO-US008439.
XX 22-MAY-2000; 2000WO-US013705.
XX 30-MAY-2000; 2000WO-US014042.
XX 02-JUN-2000; 2000WO-US014941.
XX 28-JUL-2000; 2000WO-US015264.
XX 11-AUG-2000; 2000WO-US020710.
XX 23-AUG-2000; 2000WO-US022031.
XX 23-AUG-2000; 2000WO-US023522.

PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747359.
PR 20-DEC-2000; 2000WO-US034356.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006566.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00815744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
FA (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-900165/82.
XX N-PSDB; ADD91431.

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; SEQ ID NO 402; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis, PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
XX
XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSWYQQR 60
|||||
DB 1 MACRCLSFLLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSWYQQR 60
|||||

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYVCVGYG 120
|||||

DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYVCVGYG 120
|||||

QY 121 PSP 123
|||||

DB 121 PSP 123
|||||

RESULT 170

ADE04046

ID ADE04046 standard; protein; 123 AA.

XX ADE04046;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX liver; microvascular endothelial cell; glucose; FFA;

XX skeletal muscle cell; adipocyte cell; pericyte cell;

XX inner ear utricular supporting cell; T-lymphocyte cell;

XX endothelial cell tube formation; bone disorder; cartilage disorder;

XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX rheumatoid arthritis; haemoglobin-associated disorder thalassemia;

XX immune system cell infiltration.

XX Homo sapiens.

XX US2003199057-A1.

XX 23-OCT-2003.

XX 15-APR-2002; 2002US-00123213.

XX 31-MAR-1997; 97WO-US005230.

XX 12-JUN-1998; 98WO-US012456.

XX 28-AUG-1998; 98WO-US014552.

XX 10-SEP-1998; 98WO-US017888.

XX 14-SEP-1998; 98WO-US018824.

XX 14-SEP-1998; 98WO-US019093.

XX 14-SEP-1998; 98WO-US019094.

XX 16-SEP-1998; 98WO-US019330.

XX 17-SEP-1998; 98WO-US019437.

XX 07-OCT-1998; 98WO-US021141.

XX 29-OCT-1998; 98WO-US022991.

XX 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 10-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000WO-US0747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006566.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.

PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI: 2003-900167/82.
 XX N-PSDB; ADE04045.
 XX
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 XX useful for treating pericyte-associated tumors, diabetes and various bone
 XX and/or cartilage disorders, e.g. arthritis.
 PS Claim 12; Fig 402; 637pp; English.
 XX
 XX The invention relates to isolated human PRO polypeptides (secreted and
 XX transmembrane polypeptides) and the polynucleotides encoding them. The
 XX invention also relates to an antibody which specifically binds to a PRO
 XX polypeptide, a method for stimulating the release of tumour necrosis
 XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 XX proliferation or differentiation of chondrocyte cells and a method for
 XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 XX polynucleotides are useful in molecular biology, including uses as
 XX hybridisation probes, in chromosome and gene mapping, in generating
 XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
 XX be used in preparing PRO polypeptides by recombinant techniques and in
 XX generating either transgenic animals or knock-out animals which are
 XX useful in the development and screening of therapeutically useful
 XX reagents. The PRO polypeptides or antibodies are used in preparing a
 XX medicament for treating a condition responsive to the polypeptides or
 XX antibodies, such as tumours, for stimulating and inhibiting proliferation
 XX of human microvascular endothelial cells, for modulating the uptake of
 XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
 XX stimulating differentiation of adipocyte cells, for stimulating
 XX the proliferation of or gene expression in pericyte cells, for stimulating
 XX cells, for inducing endothelial cell tube formation and for treating
 XX various bone and/or cartilage disorders such as sports injuries and
 XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
 XX from cartilage are useful for treating sports-related joint problems,
 XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 XX polypeptides are also useful for treating various mammalian haemoglobin-
 XX associated disorders such as various thalassemias and conditions which
 XX may benefit from enhanced local immune system cell infiltration. This
 XX sequence represents a human PRO polypeptide of the invention. Note: The
 XX sequence data for this patent is also available in electronic format from
 XX USPTO at seqdata.uspto.gov/sequence.html.

Query Match
 Best Local Similarity 100.0%; Score 657; DB 7; Length 123;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELVSQTVLAQIDALLVFFGVAQLSCTLSQHVIRYGVSWYQOR 60
 DB 1 MACRCLSFLLMGTFELVSQTVLAQIDALLVFFGVAQLSCTLSQHVIRYGVSWYQOR 60
 QY 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYCVGVG 120

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Qy	121	FSP	123	
Db	121	FSP	123	
RESULT	171			
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ID	ADE26640	standard; protein; 123	AA.	
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XX	AC	ADE26640;		
XX	XX			
DT	29-JAN-2004	(first entry)		
XX				
DE	Novel human secreted and transmembrane protein	PRO619.		
XX				
KW	human; secreted and transmembrane protein; PRO; nootropic;			
KW	neuroprotective; antiParkinsonian; cytostatic; gene therapy;			
KW	chromosome mapping; gene mapping; transgenic animal; knock-out animal;			
KW	neurodegenerative disorder; Parkinson's disease; Alzheimer's disease.			
XX				
OS	Homo sapiens.			
XX				
PN	US2003087304-A1.			
XX				
PD	08-MAY-2003.			
XX				
PF	15-NOV-2001; 2001US-00997333.			
XX				
PR	16-JUN-1997; 97US-0049787P.			
PR	17-OCT-1997; 97US-0062250P.			
PR	05-NOV-1997; 97MO-US020059.			
PR	12-NOV-1997; 97US-0065188P.			
PR	13-NOV-1997; 97US-0065311P.			
PR	24-NOV-1997; 97US-0066770P.			
PR	25-FEB-1998; 98US-0075945P.			
PR	20-MAR-1998; 98US-0078910P.			
PR	28-APR-1998; 98US-0083322P.			
PR	07-MAY-1998; 98US-0084600P.			
PR	28-MAY-1998; 98US-0087108P.			
PR	02-JUN-1998; 98US-0087607P.			
PR	02-JUN-1998; 98US-0087609P.			
PR	02-JUN-1998; 98US-0087759P.			
PR	03-JUN-1998; 98US-0087827P.			
PR	04-JUN-1998; 98US-0088021P.			
PR	04-JUN-1998; 98US-0088025P.			
PR	04-JUN-1998; 98US-0088026P.			
PR	04-JUN-1998; 98US-0088028P.			
PR	04-JUN-1998; 98US-0088029P.			
PR	04-JUN-1998; 98US-0088030P.			
PR	04-JUN-1998; 98US-0088033P.			
PR	04-JUN-1998; 98US-0088325P.			
PR	05-JUN-1998; 98US-0088167P.			
PR	05-JUN-1998; 98US-0088202P.			
PR	05-JUN-1998; 98US-0088212P.			
PR	05-JUN-1998; 98US-0088217P.			
PR	09-JUN-1998; 98US-0088655P.			
PR	10-JUN-1998; 98US-0088734P.			
PR	10-JUN-1998; 98US-0088738P.			
PR	10-JUN-1998; 98US-0088742P.			
PR	10-JUN-1998; 98US-0088810P.			
PR	10-JUN-1998; 98US-0088824P.			
PR	10-JUN-1998; 98US-0088826P.			
PR	11-JUN-1998; 98US-0088858P.			
PR	11-JUN-1998; 98US-0088861P.			
PR	11-JUN-1998; 98US-0088875P.			
PR	12-JUN-1998; 98US-0089105P.			
PR	16-JUN-1998; 98US-0089440P.			
PR	16-JUN-1998; 98US-0089512P.			
PR	16-JUN-1998; 98US-0089514P.			
PR	17-JUN-1998; 98US-0089532P.			

QY 61 AGAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDADYCSVGXG 120
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 Db 61 AGAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDADYCSVGXG 120
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 QY 121 FSP 123
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 Db 121 FSP 123
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 RESULT 172
 ADE32343
 ID ADE32343 standard; protein; 123 AA.
 XX
 AC ADE32343;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Novel human secreted and transmembrane protein PRO619.
 XX
 KW Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW Glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW Gene therapy; chromosome identification; chromosome marker.
 XX
 OS Homo sapiens.
 XX
 FN US2003194765-A1.
 XX
 PD 16-OCT-2003.
 XX
 XX 09-MAY-2002; 2002US-00142889.
 PF 03-MAR-2000; 2000US-0187202P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI, 2003-899784/82.
 DR N-FSDS; ADE32342.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 PS Claim 12; SEQ ID NO 402; 636pp; English.
 XX
 CC The invention describes 305 nucleic acids encoding PRO (secreted and
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the
 CC release of TNF-alpha from human blood, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating the proliferation or differentiation of chondrocyte cells,
 CC for stimulating the proliferation of or gene expression in pericyte
 CC cells, for stimulating the release of proteoglycans from cartilage, for
 CC stimulating the proliferation of inner ear utricular supporting cells
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
 CC the release of a cytokine from PMBC cells, for inhibiting the binding of
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
 CC cells, for stimulating proliferation of endothelial cells, for detecting
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
 CC are useful for isolating genomic and cDNA nucleotide sequences or
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
 CC in assays to identify other proteins or molecules involved in binding
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

PR 18-AUG-1998; 98US-0096959P.
 PR 18-AUG-1998; 98US-0096960P.
 PR 18-AUG-1998; 98US-0097022P.
 PR 19-AUG-1998; 98US-0097141P.
 PR 20-AUG-1998; 98US-0097218P.
 PR 24-AUG-1998; 98US-0097661P.
 PR 26-AUG-1998; 98US-0097952P.
 PR 26-AUG-1998; 98US-0097954P.
 PR 26-AUG-1998; 98US-0097955P.
 PR 26-AUG-1998; 98US-0097971P.
 PR 26-AUG-1998; 98US-0097974P.
 PR 26-AUG-1998; 98US-0097978P.
 PR 26-AUG-1998; 98US-0097979P.
 PR 26-AUG-1998; 98US-0097986P.
 PR 31-AUG-1998; 98US-0098014P.
 PR 16-SEP-1998; 98US-0100634P.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 01-DEC-1998; 98WO-US025108.
 PR 22-DEC-1998; 98US-0113296P.
 PR 05-JAN-1999; 98WO-US030106.
 PR 20-FEB-1999; 98WO-US030911.
 PR 08-MAR-1999; 99WO-US005028.
 PR 12-MAR-1999; 99US-0123957P.
 PR 02-JUN-1999; 99WO-US012252.
 PR 23-JUN-1999; 99US-0141037P.
 PR 07-JUL-1999; 99US-0143048P.
 PR 20-JUL-1999; 99US-0144758P.
 PR 26-JUL-1999; 99US-0145698P.
 PR 28-JUL-1999; 99US-0146222P.
 PR 17-AUG-1999; 99US-0149396P.
 PR 15-SEP-1999; 99WO-US021090.
 PR 08-OCT-1999; 99US-0158663P.
 PR 30-NOV-1999; 99WO-US028313.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US030095.
 PR 16-DEC-1999; 99WO-US030095.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 10-MAR-2000; 2000WO-US006319.
 PR 15-MAR-2000; 2000WO-US005884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 15-MAY-2000; 2000WO-US013358.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 23-JUN-2000; 2000US-0213637P.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 07-SEP-2000; 2000US-0230978P.
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGVFLSVQVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSNYQQR 60
 |||||
 Db 1 MACRCLSFLLMGVFLSVQVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSNYQQR 60
 |||||

CC and gene mapping, in generation of antisense RNA and DNA, in the
 CC preparation of PRO polypeptide, for generating transgenic animals or
 CC knockout animals which in turn are useful in the development and
 CC screening of therapeutically useful reagents, in gene therapy, for
 CC chromosome identification, as chromosome marker, and for generating
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
 CC detecting its expression in specific cells, tissues or serum, and for
 CC affinity purification of PRO from recombinant cell culture or natural
 CC sources. (I) and (II) are useful for tissue typing. This is the amino
 CC acid sequence of a novel human secreted and transmembrane PRO
 CC polypeptide.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSFLLMGTLFSLVSQTVLAQDLALVFPFGVAQLSCTLSPQHVITRDYGVSYQQR 60
 Db 1 MACCLSFLLMGTLFSLVSQTVLAQDLALVFPFGVAQLSCTLSPQHVITRDYGVSYQQR 60

QY 61 AGSAPRYLLYRSEDEHRRPADIPDRFAAKDEAHNACVLTIIPVQPEDDADYICSVGYG 120
 Db 61 AGSAPRYLLYRSEDEHRRPADIPDRFAAKDEAHNACVLTIIPVQPEDDADYICSVGYG 120

QY 121 FSP 123
 Db 121 FSP 123

RESULT 173

ADE22275
 ID ADE22275 standard; protein; 123 AA.

XX AC ADE22275;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
 KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003199056-A1.

XX PD 23-OCT-2003.

XX PF 15-APR-2002; 2002US-00123212.

XX PR 31-MAR-1997; 97WO-US005230.

XX PR 12-JUN-1998; 98WO-US012456.

XX PR 14-JUL-1998; 98WO-US014552.

XX PR 28-AUG-1998; 98WO-US017888.

XX PR 10-SEP-1998; 98WO-US018824.

XX PR 14-SEP-1998; 98WO-US019093.

XX PR 14-SEP-1998; 98WO-US019094.

XX PR 14-SEP-1998; 98WO-US019177.

XX PR 16-SEP-1998; 98WO-US019330.

XX PR 17-SEP-1998; 98WO-US019437.

XX PR 07-OCT-1998; 98WO-US021141.

XX PR 29-OCT-1998; 98WO-US022991.

XX PR 29-OCT-1998; 98WO-US022992.

PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 2000WO-US005190.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 05-OCT-1999; 99WO-US021547.
 PR 29-NOV-1999; 99WO-US023089.
 PR 30-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032578.
 PR 20-DEC-2000; 2000US-0074259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 01-MAR-2001; 2001WO-US006666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.

PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 XX WPI: 2003-900166/82.
 DR N-PSDB; ADE22274.
 XX
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 XX Claim 12; Fig 402; 638pp; English.
 XX
 XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems. PRO
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX
 XX Sequence 123 AA;
 SQ
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4,3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLLSVQTLAQDLALLVFPQVQAQLSCTLSPOHVTIRYGVSWYQOR 60
 DB 1 MACRCLSFLLMGTFLLSVQTLAQDLALLVFPQVQAQLSCTLSPOHVTIRYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVOEDDADYCSGVG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVOEDDADYCSGVG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 174
 ADD79499
 ID ADD79499 standard; protein; 123 AA.
 XX
 XX ADD79499;
 XX
 XX 29-JAN-2004 (first entry)
 XX Human PRO polypeptide #201.
 XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 XX Homo sapiens.
 OS
 XX US2003203428-A1.
 PN
 XX 30-OCT-2003.
 PD
 XX 22-APR-2002; 2002US-00127852.
 PF
 XX 09-DEC-1999; 99US-0170262P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.
 PA
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 XX WPI: 2003-875635/81.
 DR N-PSDB; ADD79498.
 DR
 XX New isolated, secreted and transmembrane PRO polypeptides and nucleic
 PT acids, useful for the diagnosis, prevention and/or treatment of tumors,
 PT such as lung, colon, breast, prostate, rectal, cervical and/or liver
 PT tumors.
 XX
 XX Claim 12; Fig 402; 637pp; English.
 PS
 XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX
 SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLFLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 DB 1 MACCLSLFLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 175
 ADE42035
 ID ADE42035 standard; protein; 123 AA.
 AC ADE42035;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 OS Homo sapiens.
 XX
 PN US2003194772-A1.
 XX
 PD 16-OCT-2003.
 XX
 PF 21-MAY-2002; 2002US-00152386.
 XX
 PR 03-MAR-2000; 2000US-0187202P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 FA
 XX

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI: 2003-899788/82.
 DR N-PSDB; ADE42034.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 PS Claim 12; Fig 402; 637pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLFLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 DB 1 MACCLSLFLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 176
 ADE17852
 ID ADE17852 standard; protein; 123 AA.
 XX
 AC ADE17852;
 XX
 DT 29-JAN-2004 (first entry)
 XX

XX	Human PRO polypeptide #201.	PR	01-MAR-2000;	200OWO-US005601.
DE		PR	02-MAR-2000;	200OWO-US005746.
XX		PR	02-MAR-2000;	200OWO-US005841.
XX		PR	15-MAR-2000;	200OWO-US006884.
KW	Human; PRO; secreted polypeptide; transmembrane polypeptide;	PR	20-MAR-2000;	200OWO-US007377.
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;	PR	21-MAR-2000;	200OWO-US007532.
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;	PR	20-MAR-2000;	200OWO-US007632.
KW	liver; microvascular endothelial cell; glucose; PFA;	PR	20-MAR-2000;	200OWO-US008439.
KW	skeletal muscle cell; adipocyte cell; pericyte cell;	PR	17-MAY-2000;	200OWO-US013705.
KW	inner ear utricular supporting cell; T-lymphocyte cell;	PR	22-MAY-2000;	200OWO-US014042.
KW	endothelial cell tube formation; bone disorder; cartilage disorder;	PR	30-MAY-2000;	200OWO-US014941.
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;	PR	28-JUL-2000;	200OWO-US020710.
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;	PR	11-AUG-2000;	200OWO-US022031.
XX	immune system cell infiltration.	PR	23-AUG-2000;	200OWO-US023522.
XX		PR	24-AUG-2000;	200OWO-US023328.
OS	Homo sapiens.	PR	10-NOV-2000;	200OWO-US030952.
XX		PR	10-NOV-2000;	200OWO-US030873.
PN	US2003199023-A1.	PR	01-DEC-2000;	200OWO-US032678.
XX		PR	20-DEC-2000;	200OWO-US034956.
PD	23-OCT-2003.	PR	28-FEB-2001;	200OWO-US036438.
XX		PR	28-FEB-2001;	200OWO-US006520.
PF	17-APR-2002; 2002US-00124821.	PR	01-MAR-2001;	200OWO-US006666.
XX		PR	09-MAR-2001;	200OWO-US002706.
XX		PR	14-MAR-2001;	200OWO-US008689.
XX		PR	22-MAR-2001;	200OWO-US016744.
XX		PR	05-APR-2001;	200OWO-US028366.
XX		PR	10-MAY-2001;	200OWO-US00854208.
XX		PR	10-MAY-2001;	200OWO-US00854280.
XX		PR	18-MAY-2001;	200OWO-US00602116.
XX		PR	25-MAY-2001;	200OWO-US00866028.
XX		PR	25-MAY-2001;	200OWO-US00866034.
XX		PR	01-JUN-2001;	200OWO-US017092.
XX		PR	01-JUN-2001;	200OWO-US00872035.
XX		PR	01-JUN-2001;	200OWO-US017800.
XX		PR	05-JUN-2001;	200OWO-US00874503.
XX		PR	14-JUN-2001;	200OWO-US00862636.
XX		PR	19-JUN-2001;	200OWO-US00866342.
XX		PR	20-JUN-2001;	200OWO-US019692.
XX		PR	21-JUN-2001;	200OWO-US00867879.
XX		PR	22-JUN-2001;	200OWO-US020116.
XX		PR	29-JUN-2001;	200OWO-US021066.
XX		PR	09-JUL-2001;	200OWO-US021735.
XX		PR	18-JUL-2001;	200OWO-US0098927.
XX		PR	06-AUG-2001;	200OWO-US024419.
XX		PR	09-AUG-2001;	200OWO-US00927796.
XX		PR	16-AUG-2001;	200OWO-US00931836.
XX		PR	19-DEC-2001;	200OWO-US0028072.
XX		PA	(GETH) GENENTECH INC.	
PI	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;	PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;	
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;	XX	WPI; 2003-900155/82.	
DR		DR	N-PSDB; ADE17851.	
XX		XX		
XX		PT	Two hundred and seventy five nucleic acids encoding PRO polypeptides,	
PT		PT	useful for treating pericyte-associated tumors, diabetes and various bone	
PT		PT	and/or cartilage disorders, e.g. arthritis.	
XX		XX	Claim 12; SEQ ID NO 402; 637pp; English.	
PS		XX	The invention relates to isolated human PRO polypeptides (secreted and	
XX		CC	transmembrane polypeptides) and the polynucleotides encoding them. The	
CC		CC	invention also relates to an antibody which specifically binds to a PRO	
CC		CC	polypeptide, a method for stimulating the release of tumour necrosis	
CC		CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the	
CC		CC	proliferation or differentiation of chondrocyte cells and a method for	
CC		CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,	
CC		CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The	
CC		CC	polynucleotides are useful in molecular biology, including uses as	

CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems, PRO
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4, 3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MACRLSFLMGTLFSVQTFLAQLDALLVFPQVQLSTLSPQHVITRDYGVSNVYQQR 60
 Db 1 MACRLSFLMGTLFSVQTFLAQLDALLVFPQVQLSTLSPQHVITRDYGVSNVYQQR 60
 Qy 61 AGSAPRLLVYRSDEHHRPADIPDRSAKDEAHNACVLTIIPVQPEDDADYICSVGVG 120
 Db 61 AGSAPRLLVYRSDEHHRPADIPDRSAKDEAHNACVLTIIPVQPEDDADYICSVGVG 120
 Qy 121 FSP 123
 Db 121 FSP 123

RESULT 177

ID ADD91984

XX ADD91984 standard; protein; 123 AA.

XX AC ADD91984;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

XX OS Homo sapiens.

XX XX US2003199053-A1.

XX XX 23-OCT-2003.

XX PD 12-APR-2002; 2002US-00121053.

XX

PR 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 98WO-US000106.
 PR 08-MAR-1999; 98WO-US005028.
 PR 10-MAR-1999; 98WO-US005190.
 PR 10-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020534.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.

01-MAR-2001; 2001WO-US006666.
 09-MAR-2001; 2001US-00802706.
 14-MAR-2001; 2001US-00805689.
 22-MAR-2001; 2001US-00816744.
 05-APR-2001; 2001US-00828366.
 10-MAY-2001; 2001US-00834208.
 18-MAY-2001; 2001US-00854280.
 25-MAY-2001; 2001US-00860216.
 25-MAY-2001; 2001US-00866028.
 25-MAY-2001; 2001US-00866034.
 25-MAY-2001; 2001WO-US017092.
 01-JUN-2001; 2001US-00872035.
 01-JUN-2001; 2001WO-US017800.
 05-JUN-2001; 2001US-00874503.
 14-JUN-2001; 2001US-00882636.
 19-JUN-2001; 2001US-00886342.
 20-JUN-2001; 2001WO-US019692.
 21-JUN-2001; 2001US-00887879.
 22-JUN-2001; 2001WO-US020116.
 29-JUN-2001; 2001WO-US021066.
 09-JUL-2001; 2001WO-US021735.
 18-JUL-2001; 2001US-00908827.
 06-AUG-2001; 2001US-00924419.
 09-AUG-2001; 2001US-00927796.
 16-AUG-2001; 2001US-00931836.
 19-DEC-2001; 2001US-00028072.
 (GETH) GENENTECH INC.
 Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 WPI; 2003-900164/82.
 N-PSDB; ADP91983.
 Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 and/or cartilage disorders, e.g. arthritis.
 Claim 12; SEQ ID NO 402; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
 transmembrane polypeptides) and the polynucleotides encoding them. The
 invention also relates to an antibody which specifically binds to a PRO
 polypeptide, a method for stimulating the release of tumour necrosis
 factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 proliferation or differentiation of chondrocyte cells and a method for
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 polynucleotides are useful in molecular biology, including uses as
 hybridisation probes in chromosome and gene mapping, in generating
 antisense RNA and DNA and in gene therapy. The polynucleotides may also
 be used in preparing PRO polypeptides by recombinant techniques and in
 generating either transgenic animals or knock-out animals which are
 useful in the development and screening of therapeutically useful
 reagents. The PRO polypeptides or antibodies are used in preparing a
 medicament for treating a condition responsive to the polypeptides or
 antibodies, such as tumours, for stimulating and inhibiting proliferation
 of human microvascular endothelial cells, for modulating the uptake of
 glucose or FFA by skeletal muscle cells or adipocyte cells, for
 stimulating differentiation of adipocyte cells, for stimulating
 proliferation of or gene expression in pericyte cells, for stimulating
 the proliferation of inner ear utricular supporting cells or T-lymphocyte
 cells, for inducing endothelial cell tube formation and for treating
 various bone and/or cartilage disorders such as sports injuries and
 arthritis. PRO polypeptides which stimulate the release of proteoglycans
 from cartilage are useful for treating sports-related joint problems,
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 polypeptides are also useful for treating various mammalian haemoglobin-
 associated disorders such as various thalassemias and conditions which
 may benefit from enhanced local immune system cell infiltration. This
 sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 CC
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSLFLMGTFLSVSQVLAQLDALLVFPQVLAQSLCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSLFLMGTFLSVSQVLAQLDALLVFPQVLAQSLCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKBAHNAACVLTISVPQPEDDADYYCSYGYG 120
 DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKBAHNAACVLTISVPQPEDDADYYCSYGYG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 178
 ADE33447
 ID ADE33447 standard; protein; 123 AA.
 XX ADE33447;
 XX
 XX 29-JAN-2004 (first entry)
 XX Novel human secreted and transmembrane protein PRO619.
 XX Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW Glucose uptake modulator; FFA uptake modulator;
 KW Cell proliferation stimulator; cell differentiation stimulator;
 KW Cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW Lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW Cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW Gene therapy; chromosome identification; chromosome marker.
 XX Homo sapiens.
 OS
 XX US2003194767-A1.
 XX
 XX 16-OCT-2003.
 PD
 XX 16-MAY-2002; 2002US-00147497.
 XX
 XX 26-AUG-1998; 98US-0097951P.
 PR 02-JUN-1999; 99WO-US012252.
 PR 25-AUG-1999; 99US-00380137.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 XX
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 DR WPI; 2003-899786/82.
 DR N-PSDB; ADE33446.
 XX
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 XX Claim 12; SEQ ID NO 402; 636pp; English.
 XX The invention describes 305 nucleic acids encoding PRO (secreted and
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating the proliferation or differentiation of chondrocyte cells,
 CC for stimulating the proliferation of or gene expression in pericyte
 CC cells, for stimulating the release of proteoglycans from cartilage, for
 CC stimulating the proliferation of inner ear utricular supporting cells,
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
 CC the release of a cytokine from PMMC cells, for inhibiting the binding of
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
 CC cells, for stimulating proliferation of endothelial cells, for detecting
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
 CC are useful for isolating genomic and cDNA nucleotide sequences or
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
 CC in assays to identify other proteins or molecules involved in binding
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
 CC and gene mapping, in generation of antisense RNA and DNA, in the
 CC preparation of PRO polypeptide, for generating transgenic animals or
 CC knockout animals which in turn are useful in the development and
 CC screening of therapeutically useful reagents, in gene therapy, for
 CC chromosome identification, as chromosome marker, and for generating
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
 CC detecting its expression in specific cells, tissues or serum, and for
 CC affinity purification of PRO from recombinant cell culture or natural
 CC sources. (I) and (II) are useful for tissue typing. This is the amino
 CC acid sequence of a novel human secreted and transmembrane PRO
 CC polypeptide.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLFLLMGTLFSLVSQTVLALDALLVFPFGVAQLSCTLSPQHVITRDYGVSNVQQR 60
 |||||
 Db 1 MACRCLFLLMGTLFSLVSQTVLALDALLVFPFGVAQLSCTLSPQHVITRDYGVSNVQQR 60
 |||||

Qy 61 AGSAPRYLLYRSBEDHRRPADIDRFSAAKDEAHNACVLITSPVQPEDDADYCVSGYG 120
 |||||
 Db 61 AGSAPRYLLYRSBEDHRRPADIDRFSAAKDEAHNACVLITSPVQPEDDADYCVSGYG 120
 |||||

Qy 121 FSP 123
 |||||
 Db 121 FSP 123

RESULT 179
 ADE33999
 ID ADE33999 standard; protein, 123 AA.
 XX AC ADE33999;
 XX DT 29-JAN-2004 (first entry)
 XX DE Novel human secreted and transmembrane protein PRO619.
 XX KW Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW Glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW gene therapy; chromosome identification; chromosome marker.
 XX OS Homo sapiens.
 XX US2003194791-A1.
 XX 16-OCT-2003.
 XX 11-APR-2002; 2002US-00121046.

XX 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 20-MAR-1999; 2000WO-US006319.
 PR 10-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 19-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.

PR 28-FEB-2001; 2001WO-US0006520.
PR 01-MAR-2001; 2001WO-US0006666.
PR 03-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00815744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 23-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-899790/82.
DR N-PSDB; ADE33998.
XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; SEQ ID NO 402; 636pp; English.
XX
XX The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.
XX

SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVPPGQVAQLSCTLSPOQHTVIRDYGVSWTQQR 60
DB 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVPPGQVAQLSCTLSPOQHTVIRDYGVSWTQQR 60
QY 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSYGYG 120
DB 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSYGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 180
ADD80051
ID ADD80051 standard; protein; 123 AA.
XX
AC ADD80051;
XX 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalasassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003207417-A1.
XX
PD 06-NOV-2003.
XX
PF 07-MAY-2002; 2002US-00140805.
XX
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018924.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022891.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 2000WO-US006319.
PR 14-MAY-1999; 99WO-US008615.
PR 02-JUN-1999; 99WO-US010733.
PR 01-SEP-1999; 99WO-US012252.
PR 08-SEP-1999; 99WO-US020111.
PR 13-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.

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PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021347.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028434.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031443.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 01-MAR-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005501.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030352.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032578.
PR 20-DEC-2000; 2000US-00747259.
PR 28-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 01-MAR-2001; 2001WO-US006520.
PR 28-FEB-2001; 2001WO-US006566.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019892.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.

PR 19-DEC-2001; 2001US-00028072.
XX (GETH ) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI: 2003-875867/81.
DR N-PSDB; ADD80050.
XX
XX New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor, for chromosome mapping or for tissue
PT typing.
XX
XX Claim 12; Fig 402; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
XX Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLFMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYVRSEDDHRRPADIPDRFSAAKDEAHNACVLITISVPQEDDDADYICSVGYG 120
DB 61 AGSAPRYLLYVRSEDDHRRPADIPDRFSAAKDEAHNACVLITISVPQEDDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 181
ADD93088
ID ADD93088 standard; protein; 123 AA.

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XX ADD93088;
XX 29-JAN-2004 (first entry)
XX Human PRO polypeptide #201.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
XX US2003194768-A1.
XX
XX 16-OCT-2003.
XX
XX 21-MAY-2002; 2002US-00152371.
XX
XX 03-MAR-2000; 2000US-0187202P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI: 2003-899787/82.
XX N-PDSB; ADD93087.
XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
XX Claim 12; SEQ ID NO 402; 636pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
XX Sequence 123 AA;
SQ
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACRCLFLLMGTFLSVQVLAQLDALLVFPQVQLSCTLSPOHVTIRDYGVSKVQQR 60
Db 1 MACRCLFLLMGTFLSVQVLAQLDALLVFPQVQLSCTLSPOHVTIRDYGVSKVQQR 60
Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDAHNACVLITISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDAHNACVLITISPVQPEDDADYYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123
RESULT 182
ADE19508
ID ADE19508 standard; protein; 123 AA.
XX
XX ADE19508;
XX
XX 29-JAN-2004 (first entry)
XX Human PRO polypeptide #201.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
XX
XX US2003199025-A1.
XX 23-OCT-2003.
XX
XX 21-MAY-2002; 2002US-00152385.
XX
XX 03-MAR-2000; 2000US-0187202P.
XX 10-NOV-2000; 2000WO-US030873.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI: 2003-900156/82.
XX N-PDSB; ADE19507.
XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
XX Claim 12; SEQ ID NO 402; 646pp; English.
XX

XX CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFLSVSQVLAQLDALLVFPQVAGLSCTLSFQHVIRDYGVSWYQQR 60

Db 1 MACRCLFLLMGTFLSVSQVLAQLDALLVFPQVAGLSCTLSFQHVIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDAHNACVLTISPQPEDDADYCVSVYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDAHNACVLTISPQPEDDADYCVSVYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 183

ADE18956

ID ADE18956 standard; protein; 123 AA.

XX AC ADE18956;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX Homo sapiens.

XX US2003199026-A1.

XX 23-OCT-2003.

XX 20-MAY-2002; 2002US-00152393.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900157/82.

XX N-PSDB; ADE18955.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 and/or cartilage disorders, e.g. arthritis.

XX Claim 12; SEQ ID NO 402; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 transmembrane polypeptides) and the polynucleotides encoding them. The
 invention also relates to an antibody which specifically binds to a PRO
 polypeptide, a method for stimulating the release of tumour necrosis
 factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 proliferation or differentiation of chondrocyte cells and a method for
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 polynucleotides are useful in molecular biology, including uses as
 hybridisation probes, in chromosome and gene mapping, in generating
 antisense RNA and DNA and in gene therapy. The polynucleotides may also
 be used in preparing PRO polypeptides by recombinant techniques and in
 generating either transgenic animals or knock-out animals which are
 useful in the development and screening of therapeutically useful
 reagents. The PRO polypeptides or antibodies are used in preparing a
 medicament for treating a condition responsive to the polypeptides or
 antibodies, such as tumours, for stimulating and inhibiting proliferation
 of human microvascular endothelial cells, for modulating the uptake of
 glucose or FFA by skeletal muscle cells or adipocyte cells, for
 stimulating differentiation of adipocyte cells, for stimulating
 proliferation of or gene expression in pericyte cells, for stimulating
 the proliferation of inner ear utricular supporting cells or T-lymphocyte
 cells, for inducing endothelial cell tube formation and for treating
 various bone and/or cartilage disorders such as sports injuries and
 arthritis. PRO polypeptides which stimulate the release of proteoglycans
 from cartilage are useful for treating sports-related joint problems,
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 polypeptides are also useful for treating various mammalian haemoglobin-
 associated disorders such as various thalassaemias and conditions which
 may benefit from enhanced local immune system cell infiltration. This
 sequence represents a human PRO polypeptide of the invention. Note: The
 sequence data for this patent is also available in electronic format from
 USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFLSVSQVLAQLDALLVFPQVAGLSCTLSFQHVIRDYGVSWYQQR 60

Db 1 MACRCLFLLMGTFLSVSQVLAQLDALLVFPQVAGLSCTLSFQHVIRDYGVSWYQQR 60

PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 20-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 03-JAN-2000; 2000WO-US000219.
 PR 08-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US000365.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005014.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 15-MAR-2000; 2000WO-US005841.
 PR 20-MAR-2000; 2000WO-US006884.
 PR 21-MAR-2000; 2000WO-US007377.
 PR 30-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 28-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 01-MAR-2001; 2001WO-US006520.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 03-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882836.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00928072.
 XX
 XX (GETH) GENENTECH INC.
 PA
 PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI; 2003-900168/82.
 DR N-PSDB; ADD95940.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 PS Claim 12; Fig 402; 638pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumor necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
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DB	
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QY 61	AGSAPRYLLYRSEEDHRRPADIPDRFSAKDDEAHNACVLTISPVQPEDDADYCVSYGYG 120
DB	
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QY 121	FSP 123
DB	
121	FSP 123
RESULT 186	
ADE22827	
ID	ADE22827 standard; protein; 123 AA.
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AC	ADE22827;
XX	
DT	29-JAN-2004 (first entry)
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DE	Human PRO polypeptide #201.
KW	Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW	liver; microvascular endothelial cell; glucose; FFA;
KW	skeletal muscle cell; adipocyte cell; pericyte cell;
KW	inner ear intricular supporting cell; T-lymphocyte cell;
KW	endothelial cell tube formation; bone disorder; cartilage disorder;
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW	immune system cell infiltration.
XX	
OS	Homo sapiens.
XX	
PN	US2003199064-A1.
XX	
PD	23-OCT-2003.
PF	19-APR-2002; 2002US-00125932.
XX	
PR	31-MAR-1997; 97WO-US005230.
PR	12-JUN-1998; 98WO-US012456.
PR	14-JUL-1998; 98WO-US014552.
PR	28-AUG-1998; 98WO-US017888.
PR	10-SEP-1998; 98WO-US018824.
PR	14-SEP-1998; 98WO-US019093.
PR	14-SEP-1998; 98WO-US019177.
PR	16-SEP-1998; 98WO-US019330.
PR	17-SEP-1998; 98WO-US019437.
PR	07-OCT-1998; 98WO-US021141.
PR	29-OCT-1998; 98WO-US022991.
PR	29-OCT-1998; 98WO-US022992.
PR	20-NOV-1998; 98WO-US024855.
PR	01-DEC-1998; 98WO-US025108.
PR	05-JAN-1999; 99WO-US000106.
PR	08-MAR-1999; 99WO-US005028.
PR	10-MAR-1999; 99WO-US005190.
PR	10-MAR-1999; 2000WO-US006319.
PR	20-APR-1999; 99WO-US008615.
PR	14-MAY-1999; 99WO-US010733.
PR	02-JUN-1999; 99WO-US012252.
PR	01-SEP-1999; 99WO-US020111.
PR	08-SEP-1999; 99WO-US020594.
PR	13-SEP-1999; 99WO-US020944.
PR	15-SEP-1999; 99WO-US021090.
PR	15-SEP-1999; 99WO-US021547.
PR	05-OCT-1999; 99WO-US023089.
PR	29-NOV-1999; 99WO-US028214.
PR	30-NOV-1999; 99WO-US028313.
PR	30-NOV-1999; 99WO-US028409.
PR	01-DEC-1999; 99WO-US028301.
PR	01-DEC-1999; 99WO-US028634.
PR	02-DEC-1999; 99WO-US028551.
PR	02-DEC-1999; 99WO-US028564.
PR	02-DEC-1999; 99WO-US028565.
PR	16-DEC-1999; 99WO-US030095.
PR	20-DEC-1999; 99WO-US030911.
PR	20-DEC-1999; 99WO-US030999.
PR	22-DEC-1999; 99WO-US030720.
PR	30-DEC-1999; 99WO-US031243.
PR	30-DEC-1999; 99WO-US031274.
PR	05-JAN-2000; 2000WO-US000219.
PR	06-JAN-2000; 2000WO-US000277.
PR	06-JAN-2000; 2000WO-US000376.
PR	11-FEB-2000; 2000WO-US003565.
PR	18-FEB-2000; 2000WO-US004341.
PR	18-FEB-2000; 2000WO-US004342.
PR	22-FEB-2000; 2000WO-US004414.
PR	24-FEB-2000; 2000WO-US004914.
PR	24-FEB-2000; 2000WO-US005004.
PR	01-MAR-2000; 2000WO-US005601.
PR	02-MAR-2000; 2000WO-US005746.
PR	02-MAR-2000; 2000WO-US005841.
PR	15-MAR-2000; 2000WO-US006884.
PR	20-MAR-2000; 2000WO-US007377.
PR	21-MAR-2000; 2000WO-US007532.
PR	30-MAR-2000; 2000WO-US008439.
PR	17-MAY-2000; 2000WO-US013705.
PR	22-MAY-2000; 2000WO-US014042.
PR	30-MAY-2000; 2000WO-US014941.
PR	02-JUN-2000; 2000WO-US015264.
PR	28-JUL-2000; 2000WO-US020710.
PR	11-AUG-2000; 2000WO-US022031.
PR	23-AUG-2000; 2000WO-US023522.
PR	24-AUG-2000; 2000WO-US023328.
PR	08-NOV-2000; 2000WO-US030952.
PR	10-NOV-2000; 2000WO-US030873.
PR	01-DEC-2000; 2000WO-US032678.
PR	20-DEC-2000; 2000US-00747259.
PR	20-DEC-2000; 2000WO-US034956.
PR	28-FEB-2001; 2001US-00796498.
PR	28-FEB-2001; 2001WO-US006520.
PR	01-MAR-2001; 2001WO-US006566.
PR	09-MAR-2001; 2001US-00802706.
PR	14-MAR-2001; 2001US-00806689.
PR	22-MAR-2001; 2001US-00816744.
PR	05-APR-2001; 2001US-00828366.
PR	10-MAY-2001; 2001US-00854208.
PR	10-MAY-2001; 2001US-00854280.
PR	18-MAY-2001; 2001US-00860216.
PR	25-MAY-2001; 2001US-00866028.
PR	25-MAY-2001; 2001US-00866034.
PR	25-MAY-2001; 2001WO-US017092.
PR	01-JUN-2001; 2001US-00872035.
PR	01-JUN-2001; 2001WO-US017800.
PR	05-JUN-2001; 2001US-00874503.
PR	14-JUN-2001; 2001US-00882636.
PR	19-JUN-2001; 2001US-00886342.
PR	20-JUN-2001; 2001WO-US019592.
PR	21-JUN-2001; 2001US-00887879.
PR	22-JUN-2001; 2001WO-US020116.
PR	29-JUN-2001; 2001WO-US021066.
PR	09-JUL-2001; 2001WO-US021735.
PR	18-JUL-2001; 2001US-00908827.
PR	06-AUG-2001; 2001US-00924419.
PR	09-AUG-2001; 2001US-00927796.
PR	16-AUG-2001; 2001US-00931836.
PR	19-DEC-2001; 2001US-00028072.
XX	(GETH) GENENTECH INC.
PA	
XX	

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX DR WPI; 2003-900169/82.
 DR N-PSDB; ADE22826.
 XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 XX useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX PS Claim 12; Fig 402; 638pp; English.
 XX CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumors, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC the USPTO website at seqdata.uspto.gov.
 XX SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSLFLMGFLSLVSQVTLAQDLALLVFPQVAGLSCTLSPPQVHTIRDYGVSNYQQR 60
 DB 1 MACRCLSLFLMGFLSLVSQVTLAQDLALLVFPQVAGLSCTLSPPQVHTIRDYGVSNYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDAHNAACVLTISFPQEDDADYICVSGVG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDAHNAACVLTISFPQEDDADYICVSGVG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 187
 ADD78945
 ID ADD78945 standard; protein; 123 AA.
 XX AC ADD78945;
 XX DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.
 DE XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
 KW immune system cell infiltration.
 XX OS Homo sapiens.
 XX PN US2003203429-A1.
 XX PD 30-OCT-2003.
 XX PF 22-APR-2002; 2002US-00127900.
 XX PR 05-JUN-2000; 2000US-0209832P.
 XX PR 01-DEC-2000; 2000WO-US032678.
 XX PR 19-DEC-2001; 2001US-00028072.
 XX PA (GETH) GENENTECH INC.
 XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 WPI; 2003-875636/81.
 N-PSDB; ADD78944.
 XX New isolated, secreted and transmembrane PRO polypeptides and nucleic
 acids, useful for the diagnosis, prevention and/or treatment of tumors,
 such as lung, colon, breast, prostate, rectal, cervical and/or liver
 tumors.
 Claim 12; Fig 402; 637pp; English.
 The invention relates to isolated human PRO polypeptides (secreted and
 transmembrane polypeptides) and the polynucleotides encoding them. The
 invention also relates to an antibody which specifically binds to a PRO
 polypeptide, a method for stimulating the release of tumour necrosis
 factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 proliferation or differentiation of chondrocyte cells and a method for
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 polynucleotides are useful in molecular biology, including uses as
 hybridisation probes, in chromosome and gene mapping, in generating
 antisense RNA and DNA and in gene therapy. The polynucleotides may also
 be used in preparing PRO polypeptides by recombinant techniques and in
 generating either transgenic animals or knock-out animals which are
 useful in the development and screening of therapeutically useful
 reagents. The PRO polypeptides or antibodies are used in preparing a
 medicament for treating a condition responsive to the polypeptides or
 antibodies, such as tumors, for stimulating and inhibiting proliferation
 of human microvascular endothelial cells, for modulating the uptake of
 glucose or FFA by skeletal muscle cells or adipocyte cells, for
 stimulating differentiation of adipocyte cells, for stimulating
 proliferation of or gene expression in pericyte cells, for stimulating
 the proliferation of inner ear utricular supporting cells or T-lymphocyte
 cells, for inducing endothelial cell tube formation and for treating
 various bone and/or cartilage disorders such as sports injuries and
 arthritis. PRO polypeptides which stimulate the release of proteoglycans
 from cartilage are useful for treating sports-related joint problems,
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 polypeptides are also useful for treating various mammalian haemoglobin-
 associated disorders such as various thalassemias and conditions which
 may benefit from enhanced local immune system cell infiltration. This
 sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX Sequence 123 AA;
SQ Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB |||||
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DB |||||
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DB |||||
QY 61 AGSAPRYLLYRSEBHHRPADIPRFGAAXDEAHNACVLTISPVQPEDDADYYCSVGYG 120
DB |||||

QY 121 FSP 123
DB |||||
QY 121 FSP 123

RESULT 188
ADE26107
ID ADE26107 standard; protein; 123 AA.

XX AC ADE26107;
XX 29-JAN-2004 (first entry)
XX DE Novel human secreted and transmembrane protein PRO619.

XX human; secreted and transmembrane protein; PRO; noctropic;
KW neuroprotective; antiparkinsonian; cytosolic; gene therapy;
KW chromosome mapping; gene mapping; transgenic animal; knock-out animal;
KW neurodegenerative disorder; Parkinson's disease; Alzheimer's disease.

XX OS Homo sapiens.
XX US2003087305-A1.
XX 08-MAY-2003.

PF 15-NOV-2001; 2001US-00997384.
XX 16-JUN-1997; 97US-0049787P.

PR 17-OCT-1997; 97US-0062250P.
PR 05-NOV-1997; 97MO-US02006P.
PR 12-NOV-1997; 97US-0065186P.
PR 13-NOV-1997; 97US-0065311P.
PR 24-NOV-1997; 97US-0066770P.
PR 25-FEB-1998; 98US-0075945P.
PR 20-MAR-1998; 98US-0078910P.
PR 28-APR-1998; 98US-0083322P.
PR 07-MAY-1998; 98US-0084600P.
PR 28-MAY-1998; 98US-0087106P.
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PR 04-JUN-1998; 98US-0088021P.
PR 04-JUN-1998; 98US-0088025P.
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PR 04-JUN-1998; 98US-0088033P.
PR 04-JUN-1998; 98US-0088326P.
PR 05-JUN-1998; 98US-0088167P.
PR 05-JUN-1998; 98US-0088202P.
PR 05-JUN-1998; 98US-0088212P.
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PR 09-JUN-1998; 98US-0088655P.

PR 10-JUN-1998; 98US-0088734P.
PR 10-JUN-1998; 98US-0088738P.
PR 10-JUN-1998; 98US-0088742P.
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PR 17-JUN-1998; 98US-0089599P.
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PR 18-JUN-1998; 98US-0089801P.
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PR 18-JUN-1998; 98US-0089908P.
PR 19-JUN-1998; 98US-0089947P.
PR 19-JUN-1998; 98US-0089948P.
PR 19-JUN-1998; 98US-0089952P.
PR 22-JUN-1998; 98US-0090246P.
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PR 23-JUN-1998; 98US-0090349P.
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PR 24-JUN-1998; 98US-0090542P.
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PR 01-JUL-1998; 98US-0091360P.
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PR 17-AUG-1998; 98US-0096895P.
PR 17-AUG-1998; 98US-0096897P.
PR 18-AUG-1998; 98US-0096949P.
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PR 18-AUG-1998; 98US-0097022P.
PR 19-AUG-1998; 98US-0097141P.
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PR 26-AUG-1998; 98US-0097974P.
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PR 26-AUG-1998; 98US-0098014P.
PR 31-AUG-1998; 98US-0098525P.
PR 16-SEP-1998; 98US-0100634P.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 01-DEC-1998; 98WO-US025108.
PR 22-DEC-1998; 98US-0113296P.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 12-MAR-1999; 98US-0123957P.
PR 02-JUN-1999; 98WO-US012252.
PR 23-JUN-1999; 98US-0143037P.
PR 07-JUL-1999; 98US-0143048P.
PR 20-JUL-1999; 98US-0145758P.
PR 26-JUL-1999; 98US-0145698P.
PR 28-JUL-1999; 98US-0146222P.
PR 17-AUG-1999; 98US-0149396P.
PR 15-SEP-1999; 98WO-US021090.
PR 15-SEP-1999; 98WO-US021547.
PR 08-OCT-1999; 98US-0158663P.
PR 30-NOV-1999; 98WO-US028313.
PR 01-DEC-1999; 98WO-US028301.
PR 01-DEC-1999; 98WO-US028634.
PR 16-DEC-1999; 98WO-US030095.
PR 20-DEC-1999; 98WO-US030911.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 10-MAR-2000; 2000WO-US005841.
PR 02-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 30-MAR-2000; 2000WO-US008439.
PR 15-MAY-2000; 2000WO-US013358.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.

PR 23-JUN-2000; 2000US-0213637P.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSPFLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSQHVITIRDYGVSWYQQR 60
DB 1 MACRCLSPFLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSQHVITIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSBEDHHRPADIPDRPSAAKDEAHNACVLTISVPQEDDADYCSVGYG 120
DB 61 AGSAPRYLLYRSBEDHHRPADIPDRPSAAKDEAHNACVLTISVPQEDDADYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 189
ADE32895
ID ADE32895 standard; protein; 123 AA.
XX AC ADE32895;
XX DT 29-JAN-2004 (first entry)
XX DE Novel human secreted and transmembrane protein PRO619.
XX KW Human; secreted and transmembrane protein; PRO;
XX KW Tumour necrosis factor alpha release; TNF-alpha release;
XX KW glucose uptake modulator; FFA uptake modulator;
XX KW cell proliferation stimulator; cell differentiation stimulator;
XX KW cell differentiation inhibitor; cytokine release stimulator; tumour;
XX KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
XX KW cervical tumour; liver tumour; chromosome mapping; Gene mapping;
XX KW gene therapy; chromosome identification; chromosome marker.
XX OS Homo sapiens.
XX US2003194766-A1.
XX PD 16-OCT-2003.
XX PF 14-MAY-2002; 2002US-00145874.
XX XX 05-JUN-2000; 2000US-0209832P.
XX PR 01-DEC-2000; 2000WO-US032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX XX (GETH ) GENENTECH INC.
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI: 2003-899785/82.
XX DR N-PSDB; ADE32894.
XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
XX PT useful for treating pericyte-associated tumors, diabetes and various bone
XX PT and/or cartilage disorders, e.g. arthritis.
XX PS Claim 12; SEQ ID NO 402; 636pp; English.
XX CC The invention describes 305 nucleic acids encoding PRO (secreted and
XX CC transmembrane) polypeptides (I). (I) is useful for stimulating the
XX CC release of TNF-alpha from human blood, for modulating the uptake of
XX CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

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CC stimulating the proliferation or differentiation of chondrocyte cells,
 CC for stimulating the proliferation of or gene expression in pericyte
 CC cells, for stimulating the release of proteoglycans from cartilage, for
 CC stimulating the proliferation of inner ear utricular supporting cells,
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
 CC the release of a cytokine from PBMC cells, for inhibiting the binding of
 CC a-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
 CC cells, for stimulating proliferation of endothelial cells, for detecting
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
 CC are useful for isolating genomic and cDNA nucleotide sequences or
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
 CC in assays to identify other proteins or molecules involved in binding
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
 CC and gene mapping, in generation of antisense RNA and DNA, in the
 CC preparation of PRO polypeptide, for generating transgenic animals or
 CC knockout animals which in turn are useful in the development and
 CC screening of therapeutically useful reagents, in gene therapy, for
 CC chromosome identification, as chromosome marker, and for generating
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
 CC detecting its expression in specific cells, tissues or serum, and for
 CC affinity purification of PRO from recombinant cell culture or natural
 CC sources. (I) and (II) are useful for tissue typing. This is the amino
 CC acid sequence of a novel human secreted and transmembrane PRO
 CC polypeptide.
 XX
 SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 DB 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 190

IDE42587

ID ADE42587 standard; protein; 123 AA.

AC ADE42587;

XX

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

XX

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

XX US2003199032-A1.

PN

XX

XX 23-OCT-2003.

PD

XX

XX 28-MAY-2002; 2002US-00156844.

PF

XX 03-MAR-2000; 2000US-0187202P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI: 2003-900161/82.
 DR N-FSDB; ADE42586.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 402; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 DB 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 191
 ADD80603
 ID ADD80603 standard; protein; 123 AA.
 AC ADD80603;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 OS Homo sapiens.
 XX
 PN US2003207418-A1.
 XX
 PD 06-NOV-2003.
 XX
 PF 07-MAY-2002; 2002US-00140809.
 XX
 PR 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 20-APR-1999; 2000WO-US006319.
 PR 14-MAY-1999; 99WO-US008615.
 PR 02-JUN-1999; 99WO-US010723.
 PR 01-SEP-1999; 99WO-US012252.
 PR 08-SEP-1999; 99WO-US020111.
 PR 13-SEP-1999; 99WO-US020594.
 PR 15-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 16-DEC-1999; 99WO-US028565.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030352.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 XX
 XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 XX WPI: 2003-875968/81.
 DR N-PSDB; ADD80602.
 DR
 XX
 XX New PRO nucleic acid, useful for manufacturing a medicament for
 PT diagnosing or treating tumor, for chromosome mapping or for tissue
 PT typing.
 XX
 XX Claim 12; Fig 402; 638pp; English.
 PS
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The

invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 192

ADD89631

ID ADD89631 standard; protein; 123 AA.

AC ADD89631;

XX 29-JAN-2004 (first entry)

DT Human PRO polypeptide #201.

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

OS Homo sapiens.

XX US2003199028-A1.

XX 23-OCT-2003.

XX 22-MAY-2002; 2002US-00153552.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900158/82.

XX N-PSDB; ADD89630.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,

PT useful for treating pericyte-associated tumors, diabetes and various bone

PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 402; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

XX polypeptides are also useful for treating various mammalian haemoglobin-

XX associated disorders such as various thalassaemias and conditions which

XX may benefit from enhanced local immune system cell infiltration. This

XX sequence represents a human PRO polypeptide of the invention. Note: The

XX sequence data for this patent is also available in electronic format from

XX the USPTO at seqdata.uspto.gov/sequence.html.

XX Query Match 100.0%; Score 657; DB 7; Length 123;

XX Best Local Similarity 100.0%; Pred. No. 4.3e-62;

XX Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 193

ADE40915 ADE40915 standard; protein; 123 AA.

XX AC ADE40915;
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.

XX FN US2003199031-A1.

XX PD 23-OCT-2003.

XX PF 28-MAY-2002; 2002US-00156842.

XX PR 05-JUN-2000; 2000US-0205832P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX DR WPI; 2003-900160/82.

XX DR N-PSDB; ADE40914.

XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
XX useful for treating pericyte-associated tumors, diabetes and various bone
XX and/or cartilage disorders, e.g. arthritis.

XX PS Claim 12; Fig 402; 637pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumors, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRLSFLMGTFLSVSQTVLQADALLVPPGVAQLSCTLSPOHVTIRDYGSWYQOR 60

Db 1 MACRLSFLMGTFLSVSQTVLQADALLVPPGVAQLSCTLSPOHVTIRDYGSWYQOR 60

Qy 61 AGSAPRYLLYRSEEDHHRPADIPRFSAAKDEAHNACVLTISVPQEDDADYVCVGYG 120

Db 61 AGSAPRYLLYRSEEDHHRPADIPRFSAAKDEAHNACVLTISVPQEDDADYVCVGYG 120

Qy 121 FSP 123

Db 121 FSP 123

RESULT 194

ADE04714

ID ADE04714 standard; protein; 123 AA.

XX AC ADE04714;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX KW liver; microvascular endothelial cell; glucose; FFA;

XX KW skeletal muscle cell; adipocyte cell; pericyte cell;

XX KW inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX KW immune system cell infiltration.

XX OS Homo sapiens.

XX FN US2003199034-A1.

XX PD 23-OCT-2003.

XX PF 28-MAY-2001; 2001US-00156846.

XX PR 03-MAR-2000; 2000US-0187202P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-900163/82.
DR N-PSDB; ADE04713.
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; Fig 402; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4,3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFMGTFLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLFMGTFLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSGYG 120
DB 61 AGSAPRYLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 195
ID ADC81139
XX ADC81139 standard; protein; 123 AA.
XX
AC ADC81139;
XX
DT 15-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO619.
XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;

KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW rectum; kidney; cervix; liver; microvascular endothelial cell;
KW glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW cell differentiation; skeletal muscle cell; adipocyte cell;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003092115-A1.
XX
PD 15-MAY-2003.
XX
PF 30-MAY-2002; 2002US-00158785.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerriksen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
DR WPI; 2004-020238/02.
DR N-PSDB; ADC81138.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
PS Claim 12; Fig 402; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
CC cells, for stimulating differentiation of adipocyte cells, for
CC stimulating proliferation of or gene expression in pericyte cells, for
CC stimulating the proliferation of inner ear utricular supporting cells or
CC T-lymphocyte cells, for inducing endothelial cell tube formation and for
CC treating various bone and/or cartilage disorders such as sports injuries
CC and arthritis. PRO polypeptides which stimulate the release of
CC proteoglycans from cartilage are useful for treating sports-related joint
CC problems, articular cartilage defects, osteoarthritis and rheumatoid
CC arthritis. PRO polypeptides are also useful for treating various
CC mammalian haemoglobin-associated disorders such as various thalassaemias
CC and conditions which may benefit from enhanced local immune system cell
CC infiltration. This sequence represents a human PRO polypeptide of the
CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

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XX Sequence 123 AA;
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Query Match
Best Local Similarity 100.0%; Score 657; DB 8; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLGMLTSLVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIIRDYGVSWYQQR 60
Db 1 MACRCLSLGMLTSLVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCVSYG 120
Db 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCVSYG 120
QY 121 FSP 123
Db 121 FSP 123
RESULT 196
ADD76587
ID ADD76587 standard; protein; 123 AA.
XX
AC ADD76587;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003100087-A1.
XX
PD 29-MAY-2003.
XX
FF 16-APR-2002; 2002US-00123912.
XX
XX 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
XX 28-AUG-1998; 98WO-US014552.
XX 10-SEP-1998; 98WO-US017888.
XX 14-SEP-1998; 98WO-US018824.
XX 14-SEP-1998; 98WO-US019093.
XX 14-SEP-1998; 98WO-US019094.
XX 14-SEP-1998; 98WO-US019177.
XX 16-SEP-1998; 98WO-US019330.
XX 07-SEP-1998; 98WO-US019437.
XX 29-OCT-1998; 98WO-US021141.
XX 29-OCT-1998; 98WO-US022991.
XX 29-OCT-1998; 98WO-US022992.
XX 01-DEC-1998; 98WO-US024855.
XX 05-JAN-1999; 99WO-US000106.
XX 08-MAR-1999; 99WO-US005028.
XX 10-MAR-1999; 99WO-US005190.
XX 20-APR-1999; 99WO-US008615.
XX 14-MAY-1999; 99WO-US010733.
XX 02-JUN-1999; 99WO-US012252.
XX 01-SEP-1999; 99WO-US020111.
XX 08-SEP-1999; 99WO-US020594.
XX 13-SEP-1999; 99WO-US020944.
XX 15-SEP-1999; 99WO-US021090.
XX 15-SEP-1999; 99WO-US021547.
XX 05-OCT-1999; 99WO-US023089.
XX 29-NOV-1999; 99WO-US028214.
XX 30-NOV-1999; 99WO-US028313.
XX 30-NOV-1999; 99WO-US028409.
XX 01-DEC-1999; 99WO-US028301.
XX 01-DEC-1999; 99WO-US028634.
XX 02-DEC-1999; 99WO-US028551.
XX 02-DEC-1999; 99WO-US028564.
XX 02-DEC-1999; 99WO-US028565.
XX 16-DEC-1999; 99WO-US030095.
XX 20-DEC-1999; 99WO-US030911.
XX 20-DEC-1999; 99WO-US030999.
XX 22-DEC-1999; 99WO-US030720.
XX 30-DEC-1999; 99WO-US031243.
XX 30-DEC-1999; 99WO-US031274.
XX 05-JAN-2000; 2000WO-US000219.
XX 06-JAN-2000; 2000WO-US000277.
XX 06-JAN-2000; 2000WO-US000376.
XX 11-FEB-2000; 2000WO-US003565.
XX 18-FEB-2000; 2000WO-US004341.
XX 18-FEB-2000; 2000WO-US004342.
XX 22-FEB-2000; 2000WO-US004414.
XX 24-FEB-2000; 2000WO-US004914.
XX 24-FEB-2000; 2000WO-US005004.
XX 01-MAR-2000; 2000WO-US005601.
XX 02-MAR-2000; 2000WO-US005746.
XX 02-MAR-2000; 2000WO-US005841.
XX 10-MAR-2000; 2000WO-US006319.
XX 15-MAR-2000; 2000WO-US006884.
XX 20-MAR-2000; 2000WO-US007377.
XX 21-MAR-2000; 2000WO-US007532.
XX 30-MAR-2000; 2000WO-US008439.
XX 17-MAY-2000; 2000WO-US013705.
XX 22-MAY-2000; 2000WO-US014042.
XX 30-MAY-2000; 2000WO-US014941.
XX 02-JUN-2000; 2000WO-US015264.
XX 28-JUL-2000; 2000WO-US020710.
XX 11-AUG-2000; 2000WO-US022031.
XX 23-AUG-2000; 2000WO-US023522.
XX 24-AUG-2000; 2000WO-US023328.
XX 08-NOV-2000; 2000WO-US030952.
XX 10-NOV-2000; 2000WO-US030873.
XX 01-DEC-2000; 2000WO-US032678.
XX 20-DEC-2000; 2000WO-US032678.
XX 20-DEC-2000; 2000WO-US034956.
XX 28-FEB-2001; 2001US-00796498.
XX 28-FEB-2001; 2001WO-US006520.
XX 01-MAR-2001; 2001WO-US006666.
XX 09-MAR-2001; 2001US-00802706.
XX 14-MAR-2001; 2001US-00806889.
XX 22-MAR-2001; 2001US-00816744.
XX 05-APR-2001; 2001US-00828366.
XX 10-MAY-2001; 2001US-00854208.
XX 10-MAY-2001; 2001US-00854280.
XX 18-MAY-2001; 2001US-00860216.
XX 25-MAY-2001; 2001US-00866028.
XX 25-MAY-2001; 2001US-00866034.
XX 25-MAY-2001; 2001WO-US017092.
XX 01-JUN-2001; 2001US-00872035.
XX 01-JUN-2001; 2001WO-US017800.
XX 05-JUN-2001; 2001US-00874503.
XX 14-JUN-2001; 2001US-00882636.
XX 19-JUN-2001; 2001US-00886342.
XX 20-JUN-2001; 2001WO-US019692.
XX 21-JUN-2001; 2001US-00887879.
XX 22-JUN-2001; 2001WO-US020116.
XX 29-JUN-2001; 2001WO-US021066.
XX 09-JUL-2001; 2001WO-US021735.
XX 18-JUL-2001; 2001US-00908627.
XX 06-AUG-2001; 2001US-00924419.
XX 09-AUG-2001; 2001US-00927796.
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PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH ) GENENTECH INC.
XX
XX Baker KP, Baresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2004-008956/01.
DR N-PSDB; ADD76596.
XX
XX New PRO nucleic acid, useful for recombinantly producing a PRO
PT polypeptide and for manufacturing a medicament for diagnosing or treating
PT a tumor.
XX
XX Claim 12; Fig 402; 638pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.
XX
XX Sequence 123 AA;
XX
XX Query Match 100.0%; Score 657; DB 8; Length 123;
XX Best Local Similarity 100.0%; Pred. No. 4.3e-62;
XX Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1 MACRCLSFLLMGTFLSVSTQVLALQDLALVFPQVAQLSCTLSPOHVTIRDVGWYQQR 60
XX DB 1 MACRCLSFLLMGTFLSVSTQVLALQDLALVFPQVAQLSCTLSPOHVTIRDVGWYQQR 60
XX
XX QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKQAEAHNACVLTISPQVEDDADYCVSGYG 120
XX DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKQAEAHNACVLTISPQVEDDADYCVSGYG 120
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XX QY 121 FSP 123
XX DB 121 FSP 123
XX
XX RESULT 197
XX ADD87951

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ID ADD87951 standard; protein; 123 AA.
XX
XX AC ADD87951;
XX
XX DT 29-JAN-2004 (first entry)
XX
XX DE Human PRO polypeptide #201.
XX
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.
XX
XX KW Homo sapiens.
OS
XX
XX PN US2003092113-A1.
XX
XX PD 15-MAY-2003.
XX
XX PF 16-MAY-2002; 2002US-00147523.
XX
XX PR 09-DEC-1999; 99US-0170262P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX PA (GETH ) GENENTECH INC.
XX
XX PI Baker KP, Baresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX DR WPI; 2004-020237/02.
DR N-PSDB; ADD87950.
XX
XX New secreted and transmembrane nucleic acids and polypeptides, designated
XX as PRO, useful for treating inflammation, organ failure, atherosclerosis,
XX cardiac injury, infertility, birth defects, premature aging, AIDS, or
XX cancer.
XX
XX Claim 12; Fig 402; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells or pericyte cells, for
XX stimulating proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.
XX
XX Sequence 123 AA;
XX
XX Query Match 100.0%; Score 657; DB 8; Length 123;
XX Best Local Similarity 100.0%; Pred. No. 4.3e-62;
XX Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1 MACRCLSFLLMGTFLSVSTQVLALQDLALVFPQVAQLSCTLSPOHVTIRDVGWYQQR 60
XX DB 1 MACRCLSFLLMGTFLSVSTQVLALQDLALVFPQVAQLSCTLSPOHVTIRDVGWYQQR 60
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XX DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKQAEAHNACVLTISPQVEDDADYCVSGYG 120
XX
XX QY 121 FSP 123
XX DB 121 FSP 123
XX
XX RESULT 197
XX ADD87951

```

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLFLMGTLFVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACCLSLFLMGTLFVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
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 Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSYG 120
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 Db 121 FSP 123
 RESULT 198
 ADD86355
 ID ADD86355 standard; protein; 123 AA.
 XX
 AC ADD86355;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 OS Homo sapiens.
 XX
 EN US2003203440-A1.
 XX
 PD 30-OCT-2003.
 XX
 PF 29-MAY-2002; 2002US-00157798.
 XX
 PR 05-JUN-2000; 2000US-0209832P.
 PR 01-DEC-2000; 2000WO-US032878.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI; 2004-021363/02.
 DR N-ESDB; ADD86354.
 XX
 PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PR04978, useful in molecular biology, chromosome and gene mapping, in
 PT generating antisense RNA and DNA, and in gene therapy.
 XX

PS Claim 12; Fig 402; 637pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLFLMGTLFVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACCLSLFLMGTLFVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSYG 120
 Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSYG 120
 QY 121 FSP 123
 Db 121 FSP 123
 RESULT 199
 ADE75803
 ID ADE75803 standard; protein; 123 AA.
 XX
 AC ADE75803;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003211571-A1.
XX
PD 13-NOV-2003.
XX
XX 20-MAY-2002; 2002US-00152405.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith-V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2004-051576/05.
DR N-PSDB; ADE75802.
XX
XX New secreted and transmembrane PRO polypeptide and nucleic acid encoding
PT it, for use in gene therapy, as diagnostic markers for the presence of a
PT disease condition, or as therapeutic targets for treating tumors,
PT diabetes, or arthritis.
XX
PS Claim 12; Fig 402; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 8; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MACRCLFLLMGFTLSVSQTLAQLDALLVFPQVAQLSCTLSPOHQVTRDYGVSNYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDAHNACVLITSPVQPEDDADYVCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDAHNACVLITSPVQPEDDADYVCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123
RESULT 200
ADE23379
ID ADE23379 standard; protein; 123 AA.
XX
XX ADE23379;
XX
XX 29-JAN-2004 (first entry)
XX
XX Human PRO polypeptide #201.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
OS
XX
XX US2003092108-A1.
XX
XX 15-MAY-2003.
XX
XX 24-APR-2002; 2002US-00131835.
XX
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2004-020234/02.
DR N-PSDB; ADE23378.
XX
XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
XX Claim 12; Fig 402; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRLSFLMGTFLSVSQTSLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWQQR 60
 DB 1 MACRLSFLMGTFLSVSQTSLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWQQR 60
 QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 201
 ADE23931
 ID ADE23931 standard; protein; 123 AA.

AC ADE23931;

DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

XX Homo sapiens.

XX US2003092110-A1.

XX 15-MAY-2003.

XX 03-MAY-2002; 2002US-00137864.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

PA (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;
 XX WPI; 2004-020235/02.
 DR N-PSDB; ADE23930.
 XX New secreted and transmembrane nucleic acids and polypeptides, designated
 PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
 PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
 PT cancer.
 PS Claim 12; Fig 402; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRLSFLMGTFLSVSQTSLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWQQR 60

DB 1 MACRLSFLMGTFLSVSQTSLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYCSVGYG 120

DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYCSVGYG 120

QY 121 FSP 123

DB 121 FSP 123

RESULT 202

ADE24574

ID ADE24574 standard; protein; 123 AA.

XX ADE24574;

XX 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #201.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
OS
XX US2003092111-A1.
PN
XX 15-MAY-2003.
XX
XX 03-MAY-2002; 2002US-00137869.
PF
XX 03-MAR-2000; 2000US-0187202P.
PR
XX 01-DEC-2000; 2000WO-US032678.
PR
XX 19-DEC-2001; 2001US-00028072.
PR
XX (GETH) GENENTECH INC.
PA
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI: 2004-020236/02.
DR N-PSDB; ADE24573.
DR
XX New secreted and transmembrane nucleic acid useful for treating
PT inflammation, organ failure, atherosclerosis, cardiac injury,
PT infertility, birth defects, premature aging, acquired immunodeficiency
PT syndrome, or cancer.
PT
XX Claim 12; Fig 402; 637pp; English.
PS
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
XX SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 8; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62; Indels 0; Gaps 0;
Matches 123; Conservative 0; Mismatches 0;
QY 1 MACRCLSLFLLMGTSVTSQVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSLFLLMGTSVTSQVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAARDEAHNACVLITSPVQPEDDADYVCSYGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAARDEAHNACVLITSPVQPEDDADYVCSYGYG 120
QY 121 FSP 123
Db 121 FSP 123
RESULT 203
ADD87399
ID ADD87399 standard; protein; 123 AA.
XX
XX AC ADD87399;
XX
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #201.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
OS
XX US2003203439-A1.
XX
XX PD 30-OCT-2003.
XX
XX PF 17-MAY-2002; 2002US-00147499.
XX
XX PR 04-AUG-1998; 98US-0095301P.
PR 02-JUN-1999; 99WO-US012252.
PR 30-MAR-2000; 2000US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI: 2004-021362/02.
DR N-PSDB; ADD87398.
XX
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX

PS Claim 12; Fig 402; 648pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRLSFLMGTSLSVQTFLAQLDALLVFPFGVAQLSTLSPQHVITRDYGVSWYQQR 60
 Db 1 MACRLSFLMGTSLSVQTFLAQLDALLVFPFGVAQLSTLSPQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSDEHRRPADIDPFSAAKDEAHNACVLTISPQPEDDADYCVSGYG 120
 Db 61 AGSAPRYLLYRSDEHRRPADIDPFSAAKDEAHNACVLTISPQPEDDADYCVSGYG 120

Qy 121 FSP 123
 Db 121 FSP 123

RESULT 204
 ADE89265
 ID ADE89265 standard; protein; 123 AA.
 XX
 AC ADE89265;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX Homo sapiens.
 OS US2003199062-A1.
 PN
 XX 23-OCT-2003.
 PD
 XX 17-APR-2002; 2002US-00124823.
 PF
 XX 31-MAR-1997; 97WO-US0005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 98WO-US000106.
 PR 08-MAR-1999; 98WO-US005028.
 PR 10-MAR-1999; 99WO-US0005190.
 PR 10-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US000355.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.

28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 15-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 DR WPI; 2004-041360/04.
 DR N-PSDB; ADE89284.
 XX
 Novel isolated PRO polypeptide useful for treating diabetes, hyper- or
 PT hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart
 PT attack, various coagulation disorders, tumors.
 XX
 Claim 12; SEQ ID NO 402; 638pp; English.
 PS
 XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems, PRO
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 AGSAPRYLLYRSDEHHRPADIPDRSAAKDEAHNAACVLITISVPQEDDADYYCSYGYG 120
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QY 121 FSP 123

DB 121 FSP 123

RESULT 205

ADE18404

ID ADE18404 standard; protein; 123 AA.

XX ADE18404;

XX 29-JAN-2004 (first entry)

DT Human PRO polypeptide #201.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

XX Homo sapiens.

XX US2003:194794-A1.

XX 16-OCT-2003.

XX 17-APR-2002; 2002US-00125805.

XX 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 16-SEP-1998; 98WO-US019177.

PR 17-SEP-1998; 98WO-US019330.

PR 07-OCT-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025106.
 PR 05-JAN-1999; 99WO-US000108.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 10-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 09-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028584.
 PR 02-DEC-1999; 99WO-US028585.
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 PR 20-DEC-1999; 99WO-US030911.
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 PR 22-DEC-1999; 99WO-US030720.
 PR 22-DEC-1999; 99WO-US031243.
 PR 22-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
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 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US005941.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
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 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
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 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00806689.
 PR 22-MAR-2001; 2001US-00816744.
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 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
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 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.

PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 23-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 19-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI; 2004-021079/02.
 DR N-PSDB; ADE18403.
 XX
 PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PT PRO4978, for use in molecular biology, chromosome and gene mapping, in
 PT generating antisense RNA and DNA, and in gene therapy.
 XX
 PS Claim 12; SEQ ID NO 402; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping. The polynucleotides are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 121 FSP 123
RESULT 206
ADE88713
ID ADE88713 standard; protein; 123 AA.
XX
AC ADE88713;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
XX US2003199054-A1.
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PD 23-OCT-2003.
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XX 12-APR-2002; 2002US-00121054.
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PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
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PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022992.
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PR 20-NOV-1998; 98WO-US024855.
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PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
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PR 02-MAR-2000; 2000WO-US005746.
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PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014842.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US020710.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
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PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
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PR 14-MAR-2001; 2001US-00806889.
PR 22-MAR-2001; 2001US-00816744.
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PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001US-00870932.
PR 01-JUN-2001; 2001US-00872035.
PR 05-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
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PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
PA
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 8, 2004, 06:35:04 ; Search time 48 Seconds
(without alignments)
807.354 Million cell updates/sec

Title: US-09-981-876-200
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	657	100.0	123	9	US-09-989-731-117
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7	657	100.0	123	9	US-09-991-073-117
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9	657	100.0	123	9	US-09-991-163-117
10	657	100.0	123	9	US-09-993-604-117
11	657	100.0	123	9	US-09-990-456-117
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382 657 100.0 123 14 US-10-146-789-402 Sequence 402, App
383 657 100.0 123 14 US-10-147-483-402 Sequence 402, App
384 657 100.0 123 14 US-10-147-496-402 Sequence 402, App
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ALIGNMENTS

RESULT 1
US-09-989-722-117
; Sequence 117, Application US/09989722
; Patent No. US20020072067A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: KJavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC63
CURRENT APPLICATION NUMBER: US/09/999,722
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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RESULT 2
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Sequence 117, Application US/09989723
Patent No. US20020072092A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC62
CURRENT APPLICATION NUMBER: US/09/989,723
CURRENT FILING DATE: 2001-11-19
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; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPGOVLAOLSCITLSPQHTVIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPGOVLAOLSCITLSPQHTVIRDYGVSWYQOR 60
Qy 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 3
US-09-989-279-117
; Sequence 117, Application US/09989279
; Patent No. US20020072496A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.

PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
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PRIOR FILING DATE: 1998-06-24
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PRIOR FILING DATE: 1998-06-25
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PRIOR APPLICATION NUMBER: 60/090695
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PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
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PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64; Mismatches 0; Indels 0; Gaps 0;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLMGTFLLSVQVLAQLDALLVFPQVLAQLSCTLSPOHVTTRDYGVSVYQOR 60
DB 1 MACRCLSFLMGTFLLSVQVLAQLDALLVFPQVLAQLSCTLSPOHVTTRDYGVSVYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRADTPDRFSAKDEAHNACVLTISFVQPEDDADYCVSVGVG 120
DB 61 AGSAPRYLLYRSEEDHRRADTPDRFSAKDEAHNACVLTISFVQPEDDADYCVSVGVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 4
US-09-989-727-117
Sequence 117, Application US/09989727
Patent No. US20020072497A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerriksen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C65
CURRENT APPLICATION NUMBER: US/09/989,727
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
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PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05

;; PRIOR APPLICATION NUMBER: 60/088212
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;; PRIOR FILING DATE: 1998-06-24
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;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQDALLVFPFGVAOLSCITLSPQHVTTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVTSQTVLAQDALLVFPFGVAOLSCITLSPQHVTTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCVSYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCVSYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 5
US-09-989-731-117
; Sequence 117, Application US/09989731
; Patent No. US20020103125A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Fertara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC70
CURRENT APPLICATION NUMBER: US/09/989,731
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
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PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
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PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
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PRIOR FILING DATE: 1998-06-10
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PRIOR FILING DATE: 1998-06-18
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PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Forg, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC57
CURRENT APPLICATION NUMBER: US/09/989,732
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
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PRIOR APPLICATION NUMBER: 60/087759
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PRIOR FILING DATE: 1998-06-04
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PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVAGLSCITLSPQHVTRIDYGVSWYQQR 60
Db 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVAGLSCITLSPQHVTRIDYGVSWYQQR 60
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Db 61 AGSAPRYLLYRSEDEHRRPADIPDRSAKDEAHNACVLTISPVQPEDDADYVCVGVG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 6
US-09-989-732-117
Sequence 117, Application US/09989732
Patent No. US20020123463A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.

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; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3,4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLITSPVQPEDDADYYCSVG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLITSPVQPEDDADYYCSVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 7
US-09-991-073-117
; Sequence 117, Application US/09991073
; Patent No. US20020127576A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C15
CURRENT APPLICATION NUMBER: US/09/991.073
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
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PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
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PRIOR FILING DATE: 1998-06-24

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PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFMGTFLSVQTLVPGVAQLDALLVPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSLFMGTFLSVQTLVPGVAQLDALLVPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60

Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRSAKDEAHNAACVLTISPVPEDDADYYCSGVYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRSAKDEAHNAACVLTISPVPEDDADYYCSGVYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 8
US-09-990-442-117
; Sequence 117, Application US/09990442
; Patent No. US20020132252A1
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Forq, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C8
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CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/045787
PRIOR FILING DATE: 1997-06-16
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PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSPFLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Dp 1 MACRCLSPFLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYTRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCYSVG 120
Dp 61 AGSAPRYLLYTRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCYSVG 120
QY 121 FSP 123
Dp 121 FSP 123

RESULT 9

US-09-991-163-117

; Sequence 117, Application US/09991163

; Patent No. US20020132253A1

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: F2730P1C17
CURRENT APPLICATION NUMBER: US/09/991,163
CURRENT FILING DATE: 2001-11-14
PRIORITY APPLICATION NUMBER: 60/049787
PRIORITY FILING DATE: 1997-06-16
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PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3,4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MACCLSFLLMGTLFSLVSQTVLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
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DB 61 AGSAPRYLLYRSSEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 10
US-09-993-604-117
; Sequence 117, Application US/09993604

Patent No. US20020137075A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C25
CURRENT APPLICATION NUMBER: US/09/993,604
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
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QY 121 FSP 123
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RESULT 11
US-09-990-456-117

Sequence 117, Application US/09990456
Patent No. US20020137890A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PLC22
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CURRENT FILING DATE: 2001-11-14
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Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACCLSLFLMGTLFVSQVLAQLDALLVFPQGVLAQLSCTLSFQVHTIRDYGVSWYQQR 60
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Qy 61 AGSAPRYLLYRSEEDHRRADIPDRFSAKDEAHNACVLITISVPQEDDADYVCVGVG 120
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Qy 121 FSP 123
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RESULT 12

US-09-989-721-117
Sequence 117, Application US/09989721
Patent No. US20020142961A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C55
CURRENT APPLICATION NUMBER: US/09/989,721
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
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PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MACRCLFLLMGTFLSVQSQTVAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
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DB 61 AGSAPRYLLYRSSEDEHHRPADIPRFSAAKDEAHNACVLITISVQPEDDADYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 13
US-09-992-598-117
Sequence 117, Application US/09992598
Patent No. US20020160384A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
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APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2730P1C20
CURRENT APPLICATION NUMBER: US/09/992,598
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
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;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 121 FSP 123
Db 121 FSP 123

RESULT 14
US-09-981-876-200
; Sequence 200, Application US/09981876
; Patent No. US20020164669A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: P2001P1
; CURRENT APPLICATION NUMBER: US/09/981,876
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/148,545
; PRIOR FILING DATE: 1998-09-04
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RESULT 15
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Patent No. US20020177164A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
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APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC66
CURRENT APPLICATION NUMBER: US/09/989,293A
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
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PRIOR APPLICATION NUMBER: 60/090349
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PRIOR APPLICATION NUMBER: 60/090355
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PRIOR FILING DATE: 1998-07-02
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PRIOR FILING DATE: 1998-07-01
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PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCISFLMGTFLSVQSVQVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDXGVSHYQOR 60

Db 1 MACRCISFLMGTFLSVQSVQVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDXGVSHYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVPEDDADYCSGVYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVPEDDADYCSGVYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 16

US-09-989-735-117

; Sequence 117, Application US/09989735

; Publication No. US20020193299A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730P1C61

; CURRENT APPLICATION NUMBER: US/09/989,735

; CURRENT FILING DATE: 2001-11-19

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

; PRIOR FILING DATE: 1998-02-25

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/087106

; PRIOR FILING DATE: 1998-05-28

; PRIOR APPLICATION NUMBER: 60/087607

; PRIOR FILING DATE: 1998-06-02

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; PRIOR APPLICATION NUMBER: 60/087759

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087827

; PRIOR FILING DATE: 1998-06-03

; PRIOR APPLICATION NUMBER: 60/088021

; PRIOR FILING DATE: 1998-06-04

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;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VACRCLSFLLMGTFLSVSCTVLAQDALLVFPQVQAQISCTLSLSPQHVTIRDYGVSWYQQR 60
Db 1 VACRCLSFLLMGTFLSVSCTVLAQDALLVFPQVQAQISCTLSLSPQHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123

|||
RESULT 17
US-09-990-444-117
; Sequence 117, Application US/09990444
; Publication No. US20020193300A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C19
; CURRENT APPLICATION NUMBER: US/09/990,444
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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1 PRIOR APPLICATION NUMBER: 60/091633
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091978
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/091982
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MACRCLSLMGTFSLVSQTFLAQLDALLVFPQVQLSCTLSFQHTVIRDYGVSWYQQR 60
1 MACRCLSLMGTFSLVSQTFLAQLDALLVFPQVQLSCTLSFQHTVIRDYGVSWYQQR 60

61 AGSAPRYLLYRSDEHHRPADIPDRSAKDEAHNAACVLTISVPQEDDADYVCVGYG 120
61 AGSAPRYLLYRSDEHHRPADIPDRSAKDEAHNAACVLTISVPQEDDADYVCVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 18
US-09-991-181-117
Sequence 117, Application US/09991181
Publication No. US2002019761SAI
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730FICS3
CURRENT APPLICATION NUMBER: US/09/991.181
CURRENT FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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, PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
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Db 1 MACCLSFLLMGTFLSVSTVLAQDALLVPPGVAQLSCTLSFQHTVIRDYGVSWYQOR 60
Qy 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120

Qy 121 FSP 123
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RESULT 19
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; Publication No. US20020197674A1
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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC89
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; CURRENT FILING DATE: 2001-11-20
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61	PRIOR APPLICATION NUMBER: 60/092185
62	PRIOR FILING DATE: 1998-07-09

Query Match	100.0%;	Score 657;	DB 9;	Length 123;
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D'b 1 MACRCLSELLMGTFELSVSQTVLAQLDALLVFPQVAQLSCTLSPQHVTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTI SPQPEDDADYYCSVGYG 120

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Db      61  ACASAPRYLLYSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYICSVGVG
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; APPLICANT: Baker, Kevin P.
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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
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;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
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;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFLSVSQTVLAQDALLVFPFGVAQISCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLFLLMGTFLSVSQTVLAQDALLVFPFGVAQISCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEDDHHRPADIPDRFSAKDEAHNACVLITISVPQPEDDADYYCSVGYG 120

Db 61 ASAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLTITSPQEDDADYYCSVG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 21

US-09-993-687-117
; Sequence 117, Application US/09993687
; Publication No. US20020198149A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C11
; CURRENT APPLICATION NUMBER: US/09/993,687
; CURRENT FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
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; PRIOR APPLICATION NUMBER: 60/087827
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; PRIOR FILING DATE: 1998-06-04
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;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLMGTFLSVQTVLAQLDALLVPGQVACLCTLSLPOHVTIRDVGVSWVQQR 60
Db 1 MACRCLSLMGTFLSVQTVLAQLDALLVPGQVACLCTLSLPOHVTIRDVGVSWVQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVPEDDADYYCYSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVPEDDADYYCYSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 22

US-09-989-734-117
; Sequence 117, Application US/09989734
; Publication No. US20030003531A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PLC64
; CURRENT APPLICATION NUMBER: US/09/989,734
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
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; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04

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 , PRIOR APPLICATION NUMBER: 60/089653
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 , PRIOR APPLICATION NUMBER: 60/089952

, PRIOR FILING DATE: 1998-06-19
 , PRIOR APPLICATION NUMBER: 60/090246
 , PRIOR FILING DATE: 1998-06-22
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 , PRIOR FILING DATE: 1998-06-22
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 , PRIOR APPLICATION NUMBER: 60/091633
 , PRIOR FILING DATE: 1998-07-02
 , PRIOR APPLICATION NUMBER: 60/091978
 , PRIOR FILING DATE: 1998-07-07
 , PRIOR APPLICATION NUMBER: 60/091982
 , PRIOR FILING DATE: 1998-07-07
 , PRIOR APPLICATION NUMBER: 60/092182
 , PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
 Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLSFLLMGTELSVSQTVLQAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAAKDEAHNAACVLITISVPQEDDADYYCSYGYG 120
Db 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAAKDEAHNAACVLITISVPQEDDADYYCSYGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 24

US-09-993-667-117
; Sequence 117, Application US/09993667
; Publication No. US20030022187A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C4
; CURRENT APPLICATION NUMBER: US/09/993,667
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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139 PRIOR APPLICATION NUMBER: 60/092182
140 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSGVG 120
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Db 121 FSP 123

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; CURRENT FILING DATE: 1998-09-04
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142 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Publication No. US20030027163A1
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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C42
; CURRENT APPLICATION NUMBER: US/09/997,666
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; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
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; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
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; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
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; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
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; PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
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; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
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;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
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;; PRIOR APPLICATION NUMBER: 60/090252
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;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
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;; PRIOR APPLICATION NUMBER: 60/090429
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;; PRIOR APPLICATION NUMBER: 60/090435
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;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
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;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
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;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACRCLSLFLMGTFLSVQTVLAQLDALLVFPQGVQVLAQSLTSPQHVITRDYGVSWYQQR 60
Db 1 MACRCLSLFLMGTFLSVQTVLAQLDALLVFPQGVQVLAQSLTSPQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLVYRSEEDHRRPADIPDRFSAAKDEAHNAACVLTISPVQPEDDADYYCSYGYG 120
Db 61 AGSAPRYLLVYRSEEDHRRPADIPDRFSAAKDEAHNAACVLTISPVQPEDDADYYCSYGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 28

US-09-990-438-117
; Sequence 117, Application US/09990438
; Publication No. US2003002754A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C3
; CURRENT APPLICATION NUMBER: US/09/990,438
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02


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Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MACRCUSFLMGWTFLSVQTVLTAQLDALLVFPGVAQLSCTLSPOHVTIRDYGVSNVQQR 60
        ||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db      1  MACRCUSFLMGWTFLSVQTVLTAQLDALLVFPGVAQLSCTLSPOHVTIRDYGVSNVQQR 60

Qy     61  AGSAPRYLLYYRSEEDHHRPADIPDRFSAAKDEAHNACVLTITSPVQPEDDADYICSVGYG 120
        ||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db     61  AGSAPRYLLYYRSEEDHHRPADIPDRFSAAKDEAHNACVLTITSPVQPEDDADYICSVGYG 120

Qy    121  FSP 123
        |||
Db    121  FSP 123

RESULT 30
US-09-990-711-117
; Sequence 117; Application US/09990711
; Publication No. US20030032023A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC2
; CURRENT APPLICATION NUMBER: US/09/990,711
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02

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PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
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PRIOR APPLICATION NUMBER: 60/090696
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PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
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PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182

PRIOR FILING DATE: 1998-07-09
Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPPQHVITIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPPQHVITIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRPSAAKDEAHNAACVLITISFVQPEDDADYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRPSAAKDEAHNAACVLITISFVQPEDDADYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 32
US-09-998-156-117
Sequence 117, Application US/09998156
Publication No. US20030044806A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730FIC28
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
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PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28

7	PRIOR FILING DATE: 1998-06-18
7	PRIOR APPLICATION NUMBER: 60/089907
7	PRIOR FILING DATE: 1998-06-18
7	PRIOR APPLICATION NUMBER: 60/089908
7	PRIOR FILING DATE: 1998-06-18
7	PRIOR APPLICATION NUMBER: 60/089947
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7	PRIOR APPLICATION NUMBER: 60/089948
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7	PRIOR FILING DATE: 1998-06-22
7	PRIOR APPLICATION NUMBER: 60/090349
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7	PRIOR APPLICATION NUMBER: 60/090355
7	PRIOR FILING DATE: 1998-06-23
7	PRIOR APPLICATION NUMBER: 60/090429
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090445
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090431
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090435
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090444
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090445
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090542
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090557
7	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090676
7	PRIOR FILING DATE: 1998-06-25
7	PRIOR APPLICATION NUMBER: 60/090678
7	PRIOR FILING DATE: 1998-06-25
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7	PRIOR APPLICATION NUMBER: 60/090690
7	PRIOR FILING DATE: 1998-06-25
7	PRIOR APPLICATION NUMBER: 60/090862
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7	PRIOR APPLICATION NUMBER: 60/090863
7	PRIOR FILING DATE: 1998-06-26
7	PRIOR APPLICATION NUMBER: 60/091360
7	PRIOR FILING DATE: 1998-07-01
7	PRIOR APPLICATION NUMBER: 60/091478
7	PRIOR FILING DATE: 1998-07-02
7	PRIOR APPLICATION NUMBER: 60/091544
7	PRIOR FILING DATE: 1998-07-01
7	PRIOR APPLICATION NUMBER: 60/091519
7	PRIOR FILING DATE: 1998-07-02
7	PRIOR APPLICATION NUMBER: 60/091626
7	PRIOR FILING DATE: 1998-07-02
7	PRIOR APPLICATION NUMBER: 60/091633
7	PRIOR FILING DATE: 1998-07-02
7	PRIOR APPLICATION NUMBER: 60/091978
7	PRIOR FILING DATE: 1998-07-07
7	PRIOR APPLICATION NUMBER: 60/091982
7	PRIOR FILING DATE: 1998-07-07


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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLLMGTFFLSVSTQVLAQDALLVFPQVAQLSCTLSPOHVTIRYGVSWYQOR 60
DB      1 MACRCLSFLLMGTFFLSVSTQVLAQDALLVFPQVAQLSCTLSPOHVTIRYGVSWYQOR 60

QY      61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCVGYG 120
DB      61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCVGYG 120

QY      121 FSP 123
DB      121 FSP 123

RESULT 33
US-09-990-437-117
; Sequence 117, Application US/09990437
; Publication No. US20030045463A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC49
; CURRENT APPLICATION NUMBER: US/09/990,437
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
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; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
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; PRIOR APPLICATION NUMBER: 60/088167
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; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
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Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-6; Mismatches 0; Indels 0; Gaps 0;
Matches 123; Conservative 0

QY 1 MACRCLSEFLMGTFLSVSQTVAQLDALLVFPFGVQAQLSCTLSPOHVTIRDYGSWTQOR 60
|||||
Db 1 MACRCLSEFLMGTFLSVSQTVAQLDALLVFPFGVQAQLSCTLSPOHVTIRDYGSWTQOR 60
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QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITISVPQEDDADYVCSVG 120
|||||
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITISVPQEDDADYVCSVG 120
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QY 121 FSP 123
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Db 121 FSP 123
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RESULT 34
US-09-991-157-117
; Sequence 117: Application US/09991157
; Publication No. US20030049638A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PLC51
; CURRENT APPLICATION NUMBER: US/09/991,157
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-05-07

PRIOR FILING DATE: 1998-06-17	PRIOR APPLICATION NUMBER: 60/089501
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3 4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MACRLSFLMGTLSVTSQVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSSEDDHRRPADIDPFRSAKDEAHNAACVLTISPVQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSSEDDHRRPADIDPFRSAKDEAHNAACVLTISPVQEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 35
US-09-997-514-117
; Sequence 117, Application US/09997514
; Publication No. US20030049681A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC46
; CURRENT APPLICATION NUMBER: US/09/997,514
; CURRENT FILING DATE: 2001-11-15
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; PRIOR FILING DATE: 1998-06-17
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16	PRIOR APPLICATION NUMBER:	60/090246
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21	PRIOR FILING DATE:	1998-06-22
22	PRIOR APPLICATION NUMBER:	60/090349
23	PRIOR FILING DATE:	1998-06-23
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25	PRIOR FILING DATE:	1998-06-23
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35	PRIOR FILING DATE:	1998-06-24
36	PRIOR APPLICATION NUMBER:	60/090472
37	PRIOR FILING DATE:	1998-06-24
38	PRIOR APPLICATION NUMBER:	60/090535
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40	PRIOR APPLICATION NUMBER:	60/090540
41	PRIOR FILING DATE:	1998-06-24
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45	PRIOR FILING DATE:	1998-06-24
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48	PRIOR APPLICATION NUMBER:	60/090678
49	PRIOR FILING DATE:	1998-06-25
50	PRIOR APPLICATION NUMBER:	60/090690
51	PRIOR FILING DATE:	1998-06-25
52	PRIOR APPLICATION NUMBER:	60/090694
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54	PRIOR APPLICATION NUMBER:	60/090695
55	PRIOR FILING DATE:	1998-06-25
56	PRIOR APPLICATION NUMBER:	60/090696
57	PRIOR FILING DATE:	1998-06-25
58	PRIOR APPLICATION NUMBER:	60/090862
59	PRIOR FILING DATE:	1998-06-26
60	PRIOR APPLICATION NUMBER:	60/090863
61	PRIOR FILING DATE:	1998-06-26
62	PRIOR APPLICATION NUMBER:	60/091360
63	PRIOR FILING DATE:	1998-07-01
64	PRIOR APPLICATION NUMBER:	60/091478
65	PRIOR FILING DATE:	1998-07-02
66	PRIOR APPLICATION NUMBER:	60/091544
67	PRIOR FILING DATE:	1998-07-01
68	PRIOR APPLICATION NUMBER:	60/091519
69	PRIOR FILING DATE:	1998-07-02
70	PRIOR APPLICATION NUMBER:	60/091626
71	PRIOR FILING DATE:	1998-07-02
72	PRIOR APPLICATION NUMBER:	60/091633
73	PRIOR FILING DATE:	1998-07-02

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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCUSFLMGTFLSVSTVLAQLDALLVFCQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
      |||
Db      1 MACRCUSFLMGTFLSVSTVLAQLDALLVFCQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
      |||

QY      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCVSVGYG 120
      |||
Db      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCVSVGYG 120
      |||

QY      121 FSP 123
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Db      121 FSP 123
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RESULT 37
; Sequence 117, Application US/09991172
; Publication No. US20030050457A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C50
; CURRENT APPLICATION NUMBER: US/09/991.172
; CURRENT FILING DATE: 2001-11-16
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; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR APPLICATION NUMBER: 60/065186
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; PRIOR APPLICATION NUMBER: 60/088025
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; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
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; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
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; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-15
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
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; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
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; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
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; PRIOR FILING DATE: 1998-06-25
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; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
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; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09
Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
|||||
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
|||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYCVSGYG 120
|||||
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYCVSGYG 120
|||||
QY 121 RSP 123
DB 121 RSP 123
|||||
RESULT 38
US-09-990-726-117
; Sequence 117; Application US/09990726
; Publication No. US20030054359A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C16
; CURRENT APPLICATION NUMBER: US/09/990,726
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20

[illegible]

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/ PRIOR APPLICATION NUMBER: 60/091633
/ PRIOR FILING DATE: 1998-07-02
/ PRIOR APPLICATION NUMBER: 60/091978
/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/091982
/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/092182
/ PRIOR FILING DATE: 1998-07-09

Query Match      100.0%   Score 657;   DB 10;   Length 123;
Best Local Similarity 100.0%;   Pred. No. 3,4e-64;
Matches 123;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;

QY 1 MACRCLSFLMGTFLSVSQTVLQALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLMGTFLSVSQTVLQALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 39
US-09-997-559-117
/ Sequence 117, Application US/09997559
/ Publication No. US2003005403A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi J.
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2730PIC40
/ CURRENT APPLICATION NUMBER: US/09/997,559
/ CURRENT FILING DATE: 2001-11-15
/ PRIOR APPLICATION NUMBER: 60/049787
/ PRIOR FILING DATE: 1997-06-16
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/065186
/ PRIOR FILING DATE: 1997-11-12
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066770
/ PRIOR FILING DATE: 1997-11-24
/ PRIOR APPLICATION NUMBER: 60/075945
/ PRIOR FILING DATE: 1998-02-25
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/083322
/ PRIOR FILING DATE: 1998-04-28
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/087106
/ PRIOR FILING DATE: 1998-05-28
/ PRIOR APPLICATION NUMBER: 60/087607
/ PRIOR FILING DATE: 1998-06-02
/ PRIOR APPLICATION NUMBER: 60/087609
/ PRIOR FILING DATE: 1998-06-02
/ PRIOR APPLICATION NUMBER: 60/087759
/ PRIOR FILING DATE: 1998-06-02
/ PRIOR APPLICATION NUMBER: 60/087827
/ PRIOR FILING DATE: 1998-06-03
/ PRIOR APPLICATION NUMBER: 60/088021
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088025
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088026
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088028
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088029
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088030
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088033
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088326
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088167
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088202
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088212
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088217
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088655
/ PRIOR FILING DATE: 1998-06-09
/ PRIOR APPLICATION NUMBER: 60/088734
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088738
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088742
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088810
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088824
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088826
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088858
/ PRIOR FILING DATE: 1998-06-11
/ PRIOR APPLICATION NUMBER: 60/088861
/ PRIOR FILING DATE: 1998-06-11
/ PRIOR APPLICATION NUMBER: 60/088876
/ PRIOR FILING DATE: 1998-06-11
/ PRIOR APPLICATION NUMBER: 60/089105
/ PRIOR FILING DATE: 1998-06-12
/ PRIOR APPLICATION NUMBER: 60/089440
/ PRIOR FILING DATE: 1998-06-16
/ PRIOR APPLICATION NUMBER: 60/089512
/ PRIOR FILING DATE: 1998-06-16
/ PRIOR APPLICATION NUMBER: 60/089514
/ PRIOR FILING DATE: 1998-06-16
/ PRIOR APPLICATION NUMBER: 60/089532
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/089538
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/089598
/ PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLIMGTFLSVSTVLQAQLDALLVFPQVACLSCITLSPQHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLIMGTFLSVSTVLQAQLDALLVFPQVACLSCITLSPQHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDAHNACVLTISPVPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDAHNACVLTISPVPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 40
US-09-297-601-117
; Sequence 117, Application US/09997601
; Publication No. US20030054404A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730F1C36
; CURRENT APPLICATION NUMBER: US/09/997,601
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25

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[illegible]

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; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091678
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLIMGTFLSVSTVLAQLDALLVFFQVQAQLSCTLSPOGHVITRDYGVSWYQOR 60
   |||||
Db 1 MACRCLSFLIMGTFLSVSTVLAQLDALLVFFQVQAQLSCTLSPOGHVITRDYGVSWYQOR 60
   |||||

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNAACVLTISPVQPEDDADYYCSVGYG 120
   |||||
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNAACVLTISPVQPEDDADYYCSVGYG 120
   |||||

QY 121 FSP 123
Db 121 FSP 123

RESULT 41
US-09-990-443-117
; Sequence 117, Application US/09990443
; Publication No. US20030054987A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C12
; CURRENT APPLICATION NUMBER: US/09/990,443
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17

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/ PRIOR FILING DATE: 1998-07-02
/ PRIOR APPLICATION NUMBER: 60/091626
/ PRIOR FILING DATE: 1998-07-02
/ PRIOR APPLICATION NUMBER: 60/091633
/ PRIOR FILING DATE: 1998-07-02
/ PRIOR APPLICATION NUMBER: 60/091978
/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/091982
/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/092182
/ PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MACRCLEFLLMGTFELSYQTVLAQLDALLVFCQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLEFLLMGTFELSYQTVLAQLDALLVFCQVAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAAKDBAHNACVLTITSPVQPEDADYYCVSGVYG 120
Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAAKDBAHNACVLTITSPVQPEDADYYCVSGVYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 42
US-09-991-854-117
; Sequence 117, Application US/09991854
; Publication No. US20030059780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PLC24
; CURRENT APPLICATION NUMBER: US/09/991,854
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24

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; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%   Score 657;   DB 10;   Length 123;
Best Local Similarity 100.0%;   Pred. No. 3.4e-64;
Matches 123;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
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Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
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QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVQPEDDADYYCSVGYG 120
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Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVQPEDDADYYCSVGYG 120
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QY 121 FSP 123
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RESULT 43
US-09-997-628-117
; Sequence 117, Application US/09997628
; Publication No. US20030059782A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C30
; CURRENT APPLICATION NUMBER: US/09/997,628
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
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PRIOR APPLICATION NUMBER:	60/091544

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73	PRIOR FILING DATE: 1998-07-02	

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 ; PRIOR APPLICATION NUMBER: 60/091519
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 ; PRIOR APPLICATION NUMBER: 60/091978
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 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
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QY	61	AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTITSPVQPEDDADYYCSGVYG	120
DB	61	AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTITSPVQPEDDADYYCSGVYG	120
QY	121	FSP 123	
DB	121	FSP 123	

RESULT 45

US-09-989-729A-117
 ; Sequence 117, Application US/09989729A
 ; Publication No. US20030059831A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paonl, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2730P1C59
 ; CURRENT APPLICATION NUMBER: US/09/989,729A
 ; CURRENT FILING DATE: 2001-11-19
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
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 ; PRIOR FILING DATE: 1997-11-12
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09
; Query Match 100.0%; Score 657; DB 10; Length 123;
; Best Local Similarity 100.0%; Pred. No. 3.4e-64;
; Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MACRCLSFLMGTFLVSQTVLAQLDALLVPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYVCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYVCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 46

US-09-997-349-117
; Sequence 117, Application US/09997349
; Publication No. US20030059832A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC37
; CURRENT APPLICATION NUMBER: US/09/997,349
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12

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6	PRIOR FILING DATE: 1998-02-25	
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; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
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Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 47
US-09-997-440-117
; Sequence 117, Application US/09997440
; Publication No. US20030059833A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
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; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C31
; CURRENT APPLICATION NUMBER: US/09/997,440
; CURRENT FILING DATE: 2001-11-15
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;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFMGTPLSVSQTVLQALDALLVFPQVAQLSCTLSFQHVITIDYGVSWYQQR 60
Db 1 MACRCLSLFMGTPLSVSQTVLQALDALLVFPQVAQLSCTLSFQHVITIDYGVSWYQQR 60
Qy 61 AGSAPRYLLVYRSEEDHHRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLVYRSEEDHHRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 48

US-09-990-440-117
; Sequence 117, Application US/09990440
; Publication No. US200303060407A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C21
; CURRENT APPLICATION NUMBER: US/09/990,440
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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17	PRIOR FILING DATE: 1998-06-18
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33	PRIOR FILING DATE: 1998-06-22
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66	PRIOR APPLICATION NUMBER: 60/090695
67	PRIOR FILING DATE: 1998-06-25
68	PRIOR APPLICATION NUMBER: 60/090696
69	PRIOR FILING DATE: 1998-06-25
70	PRIOR APPLICATION NUMBER: 60/090862
71	PRIOR FILING DATE: 1998-06-26
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73	PRIOR FILING DATE: 1998-06-26


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; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
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; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred.No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLFMGTFLLSVSQTVLAQLDALLVFPQGVAQLSCTLSPQHVTIRDYGVSWTQQR 60
Db       1 MACRCLSFLFMGTFLLSVSQTVLAQLDALLVFPQGVAQLSCTLSPQHVTIRDYGVSWTQQR 60

QY      61 AGSAAPRYLLYYSEEDHHRPADIPDRFSAAKDEAHNACVLITSPVOEDDDADYTCSVGYG 120
        |||||
Db       61 AGSAAPRYLLYYSEEDHHRPADIPDRFSAAKDEAHNACVLITSPVOEDDDADYTCSVGYG 120

QY      121 FSP 123
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Db       121 FSP 123

RESULT 49
US-09-993-469-117
; Sequence 117, Application US/09993469
; Publication No. US20030068623A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC5
; CURRENT APPLICATION NUMBER: US/09/993,469
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250

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10	PRIOR FILING DATE: 1998-06-17
11	PRIOR APPLICATION NUMBER: 60/089599
12	PRIOR FILING DATE: 1998-06-17
13	PRIOR APPLICATION NUMBER: 60/089600
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65	PRIOR APPLICATION NUMBER: 60/090696
66	PRIOR FILING DATE: 1998-06-25
67	PRIOR APPLICATION NUMBER: 60/090862
68	PRIOR FILING DATE: 1998-06-26
69	PRIOR APPLICATION NUMBER: 60/090863

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; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
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; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Fred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MACRCLSFLIMGTFLSVSQTVLAQLDALIVFPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db      1  MACRCLSFLIMGTFLSVSQTVLAQLDALIVFPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Qy      61  AGSAPRYLLYYRSEEDHHRPADIPDRFSAAKDEAHNACVLTTISVPQPEDDADYYCSVGYG 120
Db      61  AGSAPRYLLYYRSEEDHHRPADIPDRFSAAKDEAHNACVLTTISVPQPEDDADYYCSVGYG 120

Qy      121  FSP 123
Db      121  FSP 123

RESULT 50
US-09-997-542-117
; Sequence 117, Application US/09997542
; Publication No. US20030068647A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C26
; CURRENT APPLICATION NUMBER: US/09/997,542
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16

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PRIOR APPLICATION NUMBER: 60/089907
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; PRIOR APPLICATION NUMBER: 60/090863
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; PRIOR APPLICATION NUMBER: 60/091544
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; PRIOR FILING DATE: 1998-07-02
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; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTLFSLVSQTVLQDLALLVFPFGVQVQLSTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTLFSLVSQTVLQDLALLVFPFGVQVQLSTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSDEHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSDEHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 51
US-09-993-748-117
; Sequence 117, Application US/09993748
; Publication No. US20030069403A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gexitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C23
; CURRENT APPLICATION NUMBER: US/09/993,748
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
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25	PRIOR APPLICATION NUMBER: 60/089947
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43	PRIOR APPLICATION NUMBER: 60/090431
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45	PRIOR APPLICATION NUMBER: 60/090435
46	PRIOR FILING DATE: 1998-06-24
47	PRIOR APPLICATION NUMBER: 60/090444
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49	PRIOR APPLICATION NUMBER: 60/090445
50	PRIOR FILING DATE: 1998-06-24
51	PRIOR APPLICATION NUMBER: 60/090472
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60	PRIOR FILING DATE: 1998-06-25
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64	PRIOR FILING DATE: 1998-06-25
65	PRIOR APPLICATION NUMBER: 60/090696
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; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
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; PRIOR APPLICATION NUMBER: 60/091626
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; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MACRCLSFLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
      |||
Db      1  MACRCLSFLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
      |||

QY      61  AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
      |||
Db      61  AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
      |||

QY      121  FSP 123
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Db      121  FSP 123
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RESULT 53
US-09-990-427-117
; Sequence 117, Application US/09990427
; Publication No. US20030073809A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P2730P1C10
; CURRENT APPLICATION NUMBER: US/09/990,427
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; PRIOR FILING DATE: 1997-06-16
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; PRIOR FILING DATE: 1997-11-13
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16	PRIOR FILING DATE: 1998-06-17
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18	PRIOR FILING DATE: 1998-06-17
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22	PRIOR FILING DATE: 1998-06-18
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40	PRIOR FILING DATE: 1998-06-23
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67	PRIOR APPLICATION NUMBER: 60/090690
68	PRIOR FILING DATE: 1998-06-25
69	PRIOR APPLICATION NUMBER: 60/090694
70	PRIOR FILING DATE: 1998-06-25
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72	PRIOR FILING DATE: 1998-06-25
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCISFLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPQHVTIRDYGSWYQQR 60
Db 1 MACRCISFLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPQHVTIRDYGSWYQQR 60

Qy 61 AGAPRYLLYRSEEDHRRPADIPDRFSAAKDEHNACVLTISPQPEDDADYICSVGYG 120
Db 61 AGAPRYLLYRSEEDHRRPADIPDRFSAAKDEHNACVLTISPQPEDDADYICSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 54
US-09-989-328-117
; Sequence 117, Application US/09989328
; Publication No. US20030077593A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C54

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; CURRENT APPLICATION NUMBER: US/09/989,328
; CURRENT FILING DATE: 2001-11-01
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; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTTRDYGVSVMYQOR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTTRDYGVSVMYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGVG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGVG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 55
US-09-993-583-117
; Sequence 117, Application US/09993583
; Publication No. US2003007594A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Grittisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Pacini, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C7
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: US/09/993,583
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-10-17
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1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/091982
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;

Best Local Similarity 100.0%; Pred.No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWTQQR 60

Db 1 MACRCLFLLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWTQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQBEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQBEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 56

US-09-941-992-117

Sequence 117, Application US/09941992

Publication No. US20030082546A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter

APPLICANT: Geritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C1
CURRENT APPLICATION NUMBER: US/09/941,992
CURRENT FILING DATE: 2001-08-28
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
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PRIOR FILING DATE: 1998-07-02
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PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLFLLMGTFUSVQTFLAQLDALLVPPGVAQLSCTLSFQHTVIRDYGVSWTQQR 60
DB 1 MACRCLFLLMGTFUSVQTFLAQLDALLVPPGVAQLSCTLSFQHTVIRDYGVSWTQQR 60
QY 61 AGSAPRYLLYRSBEDHRRPADIPDRPSAAKDEAHNACVLTISVPQEDDADYYCVSGYG 120
DB 61 AGSAPRYLLYRSBEDHRRPADIPDRPSAAKDEAHNACVLTISVPQEDDADYYCVSGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 57

US-09-982-521-117
Sequence 117, Application US/09992521
Publication No. US20030083461A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Forg, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC6
CURRENT APPLICATION NUMBER: US/09/992,521
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-54;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVPPGQVAQLSCTLSQCHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVPPGQVAQLSCTLSQCHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRPSAAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRPSAAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 58
US-09-997-333-117
; Sequence 117, Application US/09937333
; Publication No. US20030087304A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoletti, Nicholas F.
; APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC27
CURRENT APPLICATION NUMBER: US/09/997,333
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWTOOR 60

DB 1 MACRCLSLFMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWTOOR 60

QY 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITISVPQEDDADYVCVGYG 120

DB 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITISVPQEDDADYVCVGYG 120

QY 121 FSP 123

DB 121 FSP 123

RESULT 60

US-09-998-041-117

; Sequence 117, Application US/09998041

; Publication No. US20030119001A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C34
CURRENT APPLICATION NUMBER: US/09/998,041
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACKLSFLMGTFLSVQTLAQDLALLVFPQVAQLSCTLSPPQHVITRDYGVSWYQQR 60
Db 1 MACKLSFLMGTFLSVQTLAQDLALLVFPQVAQLSCTLSPPQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 61
US-09-997-585-117
Sequence 117, Application US/09997585
Publication No. US20030119055A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.

APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C41
CURRENT APPLICATION NUMBER: US/09/997,585
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
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; PRIOR APPLICATION NUMBER: 60/091544
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; PRIOR APPLICATION NUMBER: 60/091519
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; PRIOR APPLICATION NUMBER: 60/091626
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; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQGVAGLSCVTLSPQHVITIRDYGVSWYQOR 60
DB 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQGVAGLSCVTLSPQHVITIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHHRFADIPDRFSAKDEAHNACVLTISPVQEDDADYYCVSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRFADIPDRFSAKDEAHNACVLTISPVQEDDADYYCVSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 62
US-09-997-614-117
; Sequence 117, Application US/09997614
; Publication No. US20030124531A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.
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APPLICANT: Stewart, Timothy A.
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APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P27301C29
CURRENT APPLICATION NUMBER: US/99/997,614
PRIORITY FILING DATE: 2001-11-15
PRIORITY APPLICATION NUMBER: 60/049787
PRIORITY FILING DATE: 1997-06-16
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/065186
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PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLMGTFLSVSTVLAQLDALLVFGQVAQLSCTLSPQHVITRDYGVSWYQOR 60
DB 1 MACRCLSFLMGTFLSVSTVLAQLDALLVFGQVAQLSCTLSPQHVITRDYGVSWYQOR 60
QY 61 AGSAPRYLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYGVGVG 120
DB 61 AGSAPRYLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYGVGVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 63
US-09-989-862-117
Sequence 117, Application US/09989862
Publication No. US20030130182A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.

APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C58
CURRENT APPLICATION NUMBER: US/09/989,862
CURRENT FILING DATE: 2001-11-19
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PRIOR FILING DATE: 1997-06-16
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1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLSVSQTVAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYVCVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYVCVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 64
US-09-997-529-117
Sequence 117, Application US/09997529
Publication No. US20030134284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney,Austin L.
APPLICANT: Kljavin,Ivar J.
APPLICANT: Napier,Mary A.
APPLICANT: Pan,James
APPLICANT: Paoni,Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC33
CURRENT APPLICATION NUMBER: US/09/997,529
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
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;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFMGTFLSYQTLAQLDALLVFPQVAGLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSLFMGTFLSYQTLAQLDALLVFPQVAGLSCTLSPOHVTIRDYGVSWYQQR 60

Qy 61 AGSNPRVLLYRSEEDHRRADIPDRFSAKDEAHNACVLTIQVOPEDDADYICVGVG 120
Db 61 AGSNPRVLLYRSEEDHRRADIPDRFSAKDEAHNACVLTIQVOPEDDADYICVGVG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 65
US-09-989-725-117
Sequence 117, Application US/09989725
Publication No. US20030139329A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC71
CURRENT APPLICATION NUMBER: US/09/989,725
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734

1	PRIOR APPLICATION NUMBER: 60/090540
2	PRIOR FILING DATE: 1998-06-24
3	PRIOR APPLICATION NUMBER: 60/090542
4	PRIOR FILING DATE: 1998-06-24
5	PRIOR APPLICATION NUMBER: 60/090557
6	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090676
8	PRIOR FILING DATE: 1998-06-25
9	PRIOR APPLICATION NUMBER: 60/090678
10	PRIOR FILING DATE: 1998-06-25
11	PRIOR APPLICATION NUMBER: 60/090699
12	PRIOR FILING DATE: 1998-06-25
13	PRIOR APPLICATION NUMBER: 60/090694
14	PRIOR FILING DATE: 1998-06-25
15	PRIOR APPLICATION NUMBER: 60/090695
16	PRIOR FILING DATE: 1998-06-25
17	PRIOR APPLICATION NUMBER: 60/090696
18	PRIOR FILING DATE: 1998-06-25
19	PRIOR APPLICATION NUMBER: 60/090862
20	PRIOR FILING DATE: 1998-06-26
21	PRIOR APPLICATION NUMBER: 60/090863
22	PRIOR FILING DATE: 1998-06-26
23	PRIOR APPLICATION NUMBER: 60/091360
24	PRIOR FILING DATE: 1998-07-01
25	PRIOR APPLICATION NUMBER: 60/091478
26	PRIOR FILING DATE: 1998-07-02
27	PRIOR APPLICATION NUMBER: 60/091544
28	PRIOR FILING DATE: 1998-07-01
29	PRIOR APPLICATION NUMBER: 60/091519
30	PRIOR FILING DATE: 1998-07-02
31	PRIOR APPLICATION NUMBER: 60/091626
32	PRIOR FILING DATE: 1998-07-02
33	PRIOR APPLICATION NUMBER: 60/091633
34	PRIOR FILING DATE: 1998-07-02
35	PRIOR APPLICATION NUMBER: 60/091978
36	PRIOR FILING DATE: 1998-07-07
37	PRIOR APPLICATION NUMBER: 60/091982
38	PRIOR FILING DATE: 1998-07-07
39	PRIOR APPLICATION NUMBER: 60/092182
40	PRIOR FILING DATE: 1998-07-09

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Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0
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1	MACCLSFLLMGTFLSVSTQVLAQLDALLVFGQVAQLSCITLS	SPORVTIRDYGVSWYQQR	60
1	MACCLSFLLMGTFLSVSTQVLAQLDALLVFGQVAQLSCITLS	SPORVTIRDYGVSWYQQR	60
61	AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAFNACVLTI	SPQPEDDADYICSVGYG	120
61	AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAFNACVLTI	SPQPEDDADYICSVGYG	120
121	FSP	123	
121	FSP	123	

RESULT 66

US-091-983-733-117
 / Sequence 117, Application US/09898733
 / Publication NO. US2003028655A1
 / GENERAL INFORMATION:
 / APPLICANT: Ashkenazi, Avi J.
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnovers, Luc
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gerber, Hanspeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey

```

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C68
CURRENT APPLICATION NUMBER: US/09/989,733
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 532
SEQ ID NO 117
LENGTH: 123
TYPE: PRT
ORGANISM: Homo sapiens
US-09-989-733-117

Query Match 100.0%; Score 657; DB 11; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAGLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAGLSCTLSFQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 67
US-09-992-643-117
Sequence 117, Application US/09992643
Publication No. US20030228656A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

```

```

APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C13
CURRENT APPLICATION NUMBER: US/09/992,643
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 532
SEQ ID NO 117
LENGTH: 123
TYPE: PRT
ORGANISM: Homo sapiens
US-09-992-643-117

Query Match 100.0%; Score 657; DB 11; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAGLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAGLSCTLSFQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 68
US-10-147-493-402
Sequence 402, Application US/10.47493

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```
; Publication No. US20040029217A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C345
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-493-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 69
US-10-145-127-402
; Sequence 402, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C446
; CURRENT FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-160-503-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 69
US-10-145-127-402
; Sequence 402, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C252
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-127-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 70
US-10-160-503-402
; Sequence 402, Application US/10160503
; Publication No. US20040033559A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C446
; CURRENT FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-160-503-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 70
US-10-160-503-402
; Sequence 402, Application US/10160503
; Publication No. US20040033559A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C252
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-127-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123
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QY 121 FSP 123
 Db 121 FSP 123

RESULT 71

US-10-143-118-402
 ; Sequence 402, Application US/10143118
 ; Publication No. US20040038335A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330RIC228

; CURRENT APPLICATION NUMBER: US/10/143,118

; CURRENT FILING DATE: 2002-05-09

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-143-118-402

Query Match 100.0%; Score 657; DB 12; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 72

US-10-144-993-402

; Sequence 402, Application US/10144993

; Publication No. US20040038336A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330RIC261
 ; CURRENT APPLICATION NUMBER: US/10/144,993
 ; CURRENT FILING DATE: 2002-05-13
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-144-993-402

Query Match 100.0%; Score 657; DB 12; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 73

US-10-158-787-402

; Sequence 402, Application US/10158787

; Publication No. US20040039164A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330RIC449

; CURRENT APPLICATION NUMBER: US/10/158,787

; CURRENT FILING DATE: 2003-04-03

; Prior Application Number: 60/049911

; Prior Filing Date: 1997-06-18

; Prior Application Number: 60/056974

; Prior Filing Date: 1997-08-26

; Prior Application Number: 60/059113

; Prior Filing Date: 1997-09-17

; Prior Application Number: 60/059115

; Prior Filing Date: 1997-09-17

; Prior Application Number: 60/059117

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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-787-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
QY 121 FSP 123
Db |||
121 FSP 123

RESULT 74
US-10-140-024-402
; Sequence 402, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-024-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
QY 121 FSP 123
Db |||
121 FSP 123

RESULT 75
US-03-989-724-117
; Sequence 117, Application US/09989724
; Publication No. US20030017476A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C67
; CURRENT APPLICATION NUMBER: US/09/989,724
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
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4	PRIOR FILING DATE: 1998-06-03	
5	PRIOR APPLICATION NUMBER: 60/088021	
6	PRIOR FILING DATE: 1998-06-04	
7	PRIOR APPLICATION NUMBER: 60/088025	
8	PRIOR FILING DATE: 1998-06-04	
9	PRIOR APPLICATION NUMBER: 60/088026	
10	PRIOR FILING DATE: 1998-06-04	
11	PRIOR APPLICATION NUMBER: 60/088028	
12	PRIOR FILING DATE: 1998-06-04	
13	PRIOR APPLICATION NUMBER: 60/088029	
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16	PRIOR FILING DATE: 1998-06-04	
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21	PRIOR APPLICATION NUMBER: 60/088167	
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23	PRIOR APPLICATION NUMBER: 60/088202	
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25	PRIOR APPLICATION NUMBER: 60/088212	
26	PRIOR FILING DATE: 1998-06-05	
27	PRIOR APPLICATION NUMBER: 60/088217	
28	PRIOR FILING DATE: 1998-06-05	
29	PRIOR APPLICATION NUMBER: 60/088655	
30	PRIOR FILING DATE: 1998-06-09	
31	PRIOR APPLICATION NUMBER: 60/088734	
32	PRIOR FILING DATE: 1998-06-10	
33	PRIOR APPLICATION NUMBER: 60/088738	
34	PRIOR FILING DATE: 1998-06-10	
35	PRIOR APPLICATION NUMBER: 60/088742	
36	PRIOR FILING DATE: 1998-06-10	
37	PRIOR APPLICATION NUMBER: 60/088810	
38	PRIOR FILING DATE: 1998-06-10	
39	PRIOR APPLICATION NUMBER: 60/088824	
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44	PRIOR FILING DATE: 1998-06-11	
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50	PRIOR FILING DATE: 1998-06-12	
51	PRIOR APPLICATION NUMBER: 60/089440	
52	PRIOR FILING DATE: 1998-06-16	
53	PRIOR APPLICATION NUMBER: 60/089512	
54	PRIOR FILING DATE: 1998-06-16	
55	PRIOR APPLICATION NUMBER: 60/089514	
56	PRIOR FILING DATE: 1998-06-16	
57	PRIOR APPLICATION NUMBER: 60/089532	
58	PRIOR FILING DATE: 1998-06-17	
59	PRIOR APPLICATION NUMBER: 60/089538	
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68	PRIOR FILING DATE: 1998-06-17	
69	PRIOR APPLICATION NUMBER: 60/089801	
70	PRIOR FILING DATE: 1998-06-18	
71	PRIOR APPLICATION NUMBER: 60/089907	
72	PRIOR FILING DATE: 1998-06-18	
73	PRIOR APPLICATION NUMBER: 60/089908	
74	PRIOR FILING DATE: 1998-06-18	

1	PRIOR FILING DATE: 1998-06-18	
2	PRIOR APPLICATION NUMBER: 60/089947	
3	PRIOR FILING DATE: 1998-06-19	
4	PRIOR APPLICATION NUMBER: 60/089948	
5	PRIOR FILING DATE: 1998-06-19	
6	PRIOR APPLICATION NUMBER: 60/089952	
7	PRIOR FILING DATE: 1998-06-19	
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11	PRIOR FILING DATE: 1998-06-22	
12	PRIOR APPLICATION NUMBER: 60/090254	
13	PRIOR FILING DATE: 1998-06-22	
14	PRIOR APPLICATION NUMBER: 60/090349	
15	PRIOR FILING DATE: 1998-06-23	
16	PRIOR APPLICATION NUMBER: 60/090355	
17	PRIOR FILING DATE: 1998-06-23	
18	PRIOR APPLICATION NUMBER: 60/090429	
19	PRIOR FILING DATE: 1998-06-24	
20	PRIOR APPLICATION NUMBER: 60/090431	
21	PRIOR FILING DATE: 1998-06-24	
22	PRIOR APPLICATION NUMBER: 60/090435	
23	PRIOR FILING DATE: 1998-06-24	
24	PRIOR APPLICATION NUMBER: 60/090444	
25	PRIOR FILING DATE: 1998-06-24	
26	PRIOR APPLICATION NUMBER: 60/090445	
27	PRIOR FILING DATE: 1998-06-24	
28	PRIOR APPLICATION NUMBER: 60/090472	
29	PRIOR FILING DATE: 1998-06-24	
30	PRIOR APPLICATION NUMBER: 60/090535	
31	PRIOR FILING DATE: 1998-06-24	
32	PRIOR APPLICATION NUMBER: 60/090540	
33	PRIOR FILING DATE: 1998-06-24	
34	PRIOR APPLICATION NUMBER: 60/090542	
35	PRIOR FILING DATE: 1998-06-24	
36	PRIOR APPLICATION NUMBER: 60/090557	
37	PRIOR FILING DATE: 1998-06-24	
38	PRIOR APPLICATION NUMBER: 60/090576	
39	PRIOR FILING DATE: 1998-06-25	
40	PRIOR APPLICATION NUMBER: 60/090678	
41	PRIOR FILING DATE: 1998-06-25	
42	PRIOR APPLICATION NUMBER: 60/090690	
43	PRIOR FILING DATE: 1998-06-25	
44	PRIOR APPLICATION NUMBER: 60/090694	
45	PRIOR FILING DATE: 1998-06-25	
46	PRIOR APPLICATION NUMBER: 60/090695	
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48	PRIOR APPLICATION NUMBER: 60/090696	
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54	PRIOR APPLICATION NUMBER: 60/091360	
55	PRIOR FILING DATE: 1998-07-01	
56	PRIOR APPLICATION NUMBER: 60/091478	
57	PRIOR FILING DATE: 1998-07-02	
58	PRIOR APPLICATION NUMBER: 60/091544	
59	PRIOR FILING DATE: 1998-07-01	
60	PRIOR APPLICATION NUMBER: 60/091519	
61	PRIOR FILING DATE: 1998-07-02	
62	PRIOR APPLICATION NUMBER: 60/091626	
63	PRIOR FILING DATE: 1998-07-02	
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65	PRIOR FILING DATE: 1998-07-02	
66	PRIOR APPLICATION NUMBER: 60/091978	
67	PRIOR FILING DATE: 1998-07-07	
68	PRIOR APPLICATION NUMBER: 60/091982	
69	PRIOR FILING DATE: 1998-07-07	
70	PRIOR APPLICATION NUMBER: 60/092182	
71	PRIOR FILING DATE: 1998-07-09	

Query Match

100.0%; Score 657; DB 12; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSELMGTFUSQTVLAQIDALLVFPQVAQISCTLSPOHVTIRYGVSWYQOR 60
DB 1 MACRCLSELMGTFUSQTVLAQIDALLVFPQVAQISCTLSPOHVTIRYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 76

US-09-989-728-117
; Sequence 117, Application US/09989728
; Publication No. US20030017981A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guirney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC72
; CURRENT APPLICATION NUMBER: US/09/989,728
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
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; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609

; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
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; PRIOR FILING DATE: 1998-06-04
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; PRIOR APPLICATION NUMBER: 60/088876
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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
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PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTIVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSQTIVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYTCVSYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYTCVSYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 77
US-09-990-441-117
; Sequence 117, Application US/09990441
; Publication No. US20030017982A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunes, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C47
; CURRENT APPLICATION NUMBER: US/09/990.441
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-28
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; PRIOR FILING DATE: 1998-06-02

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;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSQHVHTIRDYGVSWYQOR	60
DB	1	MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSQHVHTIRDYGVSWYQOR	60
QY	61	AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG	120
DB	61	AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG	120
QY	121	FSP	123
DB	121	FSP	123

RESULT 80
US-09-997-641-117

Sequence 117, Application US/09997641
Publication No. US20030224358A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C39
CURRENT APPLICATION NUMBER: US/09/997,641
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
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PRIOR APPLICATION NUMBER: 60/090349
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PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23

US-09-991-150-117
; Sequence 117, Application US/09991150
; Publication No. US20030194760A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Katanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C48
; CURRENT APPLICATION NUMBER: US/09/991,150
; CURRENT FILING DATE: 2001-11-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 117
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-991-150-117
Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 82
US-10-152-405-402
; Sequence 402, Application US/10152405
; Publication No. US20030211571A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
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PRIOR FILING DATE: 1998-07-07
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PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09
Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 81

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; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C383
; CURRENT APPLICATION NUMBER: US/10/152,405
; CURRENT FILING DATE: 2002-05-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-152-405-402

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Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTFLSVSQTFLAQLDALLVFPQGVQALSCITLSPQHVTTIRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTFLSVSQTFLAQLDALLVFPQGVQALSCITLSPQHVTTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

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RESULT 83

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US-10-127-852A-402
; Sequence 402, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C388
; CURRENT APPLICATION NUMBER: US/10/127,852A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-127-852A-402

```

```

Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTFLSVSQTFLAQLDALLVFPQGVQALSCITLSPQHVTTIRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTFLSVSQTFLAQLDALLVFPQGVQALSCITLSPQHVTTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

```

RESULT 84

```

US-10-127-900A-402
; Sequence 402, Application US/10127900A
; Publication No. US20030203429A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C81
; CURRENT APPLICATION NUMBER: US/10/127,900A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

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; PRIOR APPLICATION NUMBER: 60/059182
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-685A-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 86

US-10-131-820A-402
; Sequence 402, Application US/10131820A
; Publication No. US20030203431A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C14
; CURRENT APPLICATION NUMBER: US/10/131.820A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-900A-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 85

US-10-128-685A-402
; Sequence 402, Application US/10128685A
; Publication No. US20030203430A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C16
; CURRENT APPLICATION NUMBER: US/10/128.685A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17

;; PRIOR APPLICATION NUMBER: 60/059184
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059263
;; PRIOR FILING DATE: 1997-09-18
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/059588
;; PRIOR FILING DATE: 1997-09-19
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-131-820A-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 87

US-10-142-886-402
;; Sequence 402, Application US/10142886
;; Publication No. US20030203432A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; TITLE OF INVENTION: ACIDS ENCODING THE SAME
;; FILE REFERENCE: P3330RIC236
;; CURRENT APPLICATION NUMBER: US/10/142,886
;; CURRENT FILING DATE: 2002-05-10
;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-142-886-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 88

US-10-146-728-402
;; Sequence 402, Application US/10146728
;; Publication No. US20030203437A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; TITLE OF INVENTION: ACIDS ENCODING THE SAME
;; FILE REFERENCE: P3330RIC321
;; CURRENT APPLICATION NUMBER: US/10/146,728
;; CURRENT FILING DATE: 2002-05-15
;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-146-728-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 89

US-10-146-786-402
;; Sequence 402, Application US/10146786
;; Publication No. US20030203438A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc


```
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C313
; CURRENT APPLICATION NUMBER: US/10/146,786
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-786-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYICSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 90
US-10-147-499-402
; Sequence 402, Application US/10147499
; Publication No. US20030203439A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C443
; CURRENT APPLICATION NUMBER: US/10/157,798
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-798-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYICSVGYG 120

QY 121 FSP 123
DB 121 FSP 123
```

```
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C313
; CURRENT APPLICATION NUMBER: US/10/146,786
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-786-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYICSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 90
US-10-147-499-402
; Sequence 402, Application US/10147499
; Publication No. US20030203439A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C348
; CURRENT APPLICATION NUMBER: US/10/147,499
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
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RESULT 92
US-10-028-072-402
; Sequence 402, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627

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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088910
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Gaps 0;

QY      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120
Db      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120

QY      121  FSP 123
Db      121  FSP 123
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RESULT 93
US-10-121-049-402
; Sequence 402, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121.049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Gaps 0;

QY      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120
Db      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120

QY      121  FSP 123
Db      121  FSP 123

RESULT 94
US-10-123-904-402
; Sequence 402, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
```

```
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P3330R1C54
/ CURRENT APPLICATION NUMBER: US/10/123.904
/ CURRENT FILING DATE: 2002-04-16
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-123-904-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 95
US-10-140-470-402
/ Sequence 402, Application US/10140470
/ Publication No. US20030022331A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C160
/ CURRENT APPLICATION NUMBER: US/10/140,470
/ CURRENT FILING DATE: 2002-05-06
/ Prior Application removed - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-140-470-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 96
US-10-175-746-402
/ Sequence 402, Application US/10175746
/ Publication No. US20030027270A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C353
/ CURRENT APPLICATION NUMBER: US/10/175,746
/ CURRENT FILING DATE: 2002-06-19
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-175-746-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 97
US-10-176-918-402
/ Sequence 402, Application US/10176918
/ Publication No. US20030027275A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C160
/ CURRENT APPLICATION NUMBER: US/10/140,470
/ CURRENT FILING DATE: 2002-05-06
/ Prior Application removed - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-140-470-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 98
US-10-176-921-402
; Sequence 402, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402

; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 99
US-10-137-865-402
; Sequence 402, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 100
 US-10-140-474-402
 ; Sequence 402, Application US/10140474
 ; Publication No. US20030032156A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C162
 ; CURRENT APPLICATION NUMBER: US/10/140,474
 ; CURRENT FILING DATE: 2002-05-06
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-140-474-402
 Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCVSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCVSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 101
 US-10-142-431-402
 ; Sequence 402, Application US/10142431
 ; Publication No. US20030036179A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C211
 ; CURRENT APPLICATION NUMBER: US/10/142,431
 ; CURRENT FILING DATE: 2002-05-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-142-431-402
 Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCVSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCVSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

US-10-142-431-402
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C251
 ; CURRENT APPLICATION NUMBER: US/10/142,431
 ; CURRENT FILING DATE: 2002-05-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-142-431-402
 Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCVSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCVSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 102
 US-10-143-114-402
 ; Sequence 402, Application US/10143114
 ; Publication No. US20030036180A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C211
 ; CURRENT APPLICATION NUMBER: US/10/143,114
 ; CURRENT FILING DATE: 2002-05-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-143-114-402
 Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDLALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 103

US-10-140-002-402
; Sequence 402, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C59
; CURRENT APPLICATION NUMBER: US/10/140,002
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-002-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 104

US-10-142-419-402
; Sequence 402, Application US/10142419
; Publication No. US2003004945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-419-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 105

US-10-123-262-402
; Sequence 402, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123

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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-262-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 106
US-10-142-423-402
; Sequence 402, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142.423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-423-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

US-10-142-423-402
; Sequence 402, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142.423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-423-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123
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RESULT 107
US-10-121-050-402
; Sequence 402, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121.050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-050-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 108
US-10-141-755-402
; Sequence 402, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
```



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; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-755-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64; Indels 0; Gaps 0;
Matches 123; Conservative 0; Mismatches 0;

QY 1 MACRCLSFLLMGTFLLSVQTLVLAQLDALLVFPQVAQLSCTLSLSPQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTLVLAQLDALLVFPQVAQLSCTLSLSPQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 109
US-10-143-032-402
; Sequence 402, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31

QY 1 MACRCLSFLLMGTFLLSVQTLVLAQLDALLVFPQVAQLSCTLSLSPQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTLVLAQLDALLVFPQVAQLSCTLSLSPQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 109
US-10-143-032-402
; Sequence 402, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C245
; CURRENT APPLICATION NUMBER: US/10/143,032
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550.
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-032-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64; Indels 0; Gaps 0;
Matches 123; Conservative 0; Mismatches 0;

QY 1 MACRCLSFLLMGTFLLSVQTLVLAQLDALLVFPQVAQLSCTLSLSPQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTLVLAQLDALLVFPQVAQLSCTLSLSPQHVITRDYGVSWYQQR 60
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QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 110
US-10-123-108-402
; Sequence 402, Application US/10123108
; Publication No. US20030068793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
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1 PRIOR APPLICATION NUMBER: 60/063127
1 PRIOR FILING DATE: 1997-10-24
1 PRIOR APPLICATION NUMBER: 60/063327
1 PRIOR FILING DATE: 1997-10-27
1 PRIOR APPLICATION NUMBER: 60/063329
1 PRIOR FILING DATE: 1997-10-27
1 PRIOR APPLICATION NUMBER: 60/063550
1 PRIOR FILING DATE: 1997-10-28
1 PRIOR APPLICATION NUMBER: 60/063561
1 PRIOR FILING DATE: 1997-10-28
1 PRIOR APPLICATION NUMBER: 60/063704
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063733
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063735
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063738
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063755
1 PRIOR FILING DATE: 1997-10-17
1 PRIOR APPLICATION NUMBER: 60/064248
1 PRIOR FILING DATE: 1997-11-03
1 PRIOR APPLICATION NUMBER: 60/064809
1 PRIOR FILING DATE: 1997-11-07
1 PRIOR APPLICATION NUMBER: 60/065186
1 PRIOR FILING DATE: 1997-11-12
1 PRIOR APPLICATION NUMBER: 60/065846
1 PRIOR FILING DATE: 1997-11-17
1 PRIOR APPLICATION NUMBER: 60/066364
1 PRIOR FILING DATE: 1997-11-21
1 PRIOR APPLICATION NUMBER: 60/066453
1 PRIOR FILING DATE: 1997-11-24
1 PRIOR APPLICATION NUMBER: 60/066511
1 PRIOR FILING DATE: 1997-11-24
1 PRIOR APPLICATION NUMBER: 60/066770
1 PRIOR FILING DATE: 1997-11-24
1 PRIOR APPLICATION NUMBER: 60/069212
1 PRIOR FILING DATE: 1997-12-11
1 PRIOR APPLICATION NUMBER: 60/069278
1 PRIOR FILING DATE: 1997-12-11
1 PRIOR APPLICATION NUMBER: 60/069334
1 PRIOR FILING DATE: 1997-12-11
1 PRIOR APPLICATION NUMBER: 60/069694
1 PRIOR FILING DATE: 1997-12-16
1 PRIOR APPLICATION NUMBER: 60/072320
1 PRIOR FILING DATE: 1998-01-23
1 PRIOR APPLICATION NUMBER: 60/073612
1 PRIOR FILING DATE: 1998-02-04
1 PRIOR APPLICATION NUMBER: 60/074086
1 PRIOR FILING DATE: 1998-02-09
1 PRIOR APPLICATION NUMBER: 60/074092
1 PRIOR FILING DATE: 1998-02-09
1 PRIOR APPLICATION NUMBER: 60/077791
1 PRIOR FILING DATE: 1998-03-12
1 PRIOR APPLICATION NUMBER: 60/078910
1 PRIOR FILING DATE: 1998-03-20
1 PRIOR APPLICATION NUMBER: 60/079294
1 PRIOR FILING DATE: 1998-03-25
1 PRIOR APPLICATION NUMBER: 60/079663
1 PRIOR FILING DATE: 1998-02-27
1 PRIOR APPLICATION NUMBER: 60/079728
1 PRIOR FILING DATE: 1998-03-27
1 PRIOR APPLICATION NUMBER: 60/080165
1 PRIOR FILING DATE: 1998-03-31
1 PRIOR APPLICATION NUMBER: 60/081203
1 PRIOR FILING DATE: 1998-04-09
1 PRIOR APPLICATION NUMBER: 60/081229
1 PRIOR FILING DATE: 1998-04-09
1 PRIOR APPLICATION NUMBER: 60/081695
1 PRIOR FILING DATE: 1998-04-14
1 PRIOR APPLICATION NUMBER: 60/081817
1 PRIOR FILING DATE: 1998-04-15
1 PRIOR APPLICATION NUMBER: 60/081818

1 PRIOR FILING DATE: 1998-04-15
1 PRIOR APPLICATION NUMBER: 60/082999
1 PRIOR FILING DATE: 1998-04-24
1 PRIOR APPLICATION NUMBER: 60/083322
1 PRIOR FILING DATE: 1998-04-28
1 PRIOR APPLICATION NUMBER: 60/083545
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/084600
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084627
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084637
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/085149
1 PRIOR FILING DATE: 1998-05-12
1 PRIOR APPLICATION NUMBER: 60/085323
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085338
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085339
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085579
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085697
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085704
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/086414
1 PRIOR FILING DATE: 1998-05-22
1 PRIOR APPLICATION NUMBER: 60/086430
1 PRIOR FILING DATE: 1998-05-22
1 PRIOR APPLICATION NUMBER: 60/087106
1 PRIOR FILING DATE: 1998-05-28
1 PRIOR APPLICATION NUMBER: 60/088026
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088730
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088741
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088810
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088858
1 PRIOR FILING DATE: 19/98-06-11
1 PRIOR APPLICATION NUMBER: 60/089532
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089599
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089907
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089947
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/090349
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090429
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090445
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090538
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090863
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/091360
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091519
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0;

QY

1 MACRCLSPFLMGTLSVSQTVLAQDLALVFPQVLAQSLTSPQHVITRDYGVSWYQOR 60

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Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPQHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYICSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 111
US-10-123-236-402
; Sequence 402, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-236-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPQHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPQHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYICSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 112
US-10-123-261-402
; Sequence 402, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C75
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
```

```
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-261-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPQHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPQHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYICSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 113
US-10-140-921-402
; Sequence 402, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C75
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 114
US-10-140-928-402
; Sequence 402, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123
```

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RESULT 115
US-10-121-045-402
; Sequence 402, Application US/10121045
; Publication No. US20030073210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121,045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-045-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 116
US-10-123-292-402
; Sequence 402, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
```

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; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C32
; CURRENT APPLICATION NUMBER: US/10/123,292
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-292-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 117
US-10-123-903-402
; Sequence 402, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-903-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 119
US-10-123-903-402
; Sequence 402, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-903-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
```

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QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 118
US-10-124-819-402
; Sequence 402, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C85
; CURRENT APPLICATION NUMBER: US/10/124,819
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-819-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 119
US-10-124-822-402
; Sequence 402, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
```

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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 120
US-10-140-925-402
; Sequence 402, Application US/10/140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C451
; CURRENT APPLICATION NUMBER: US/10/160,498
; CURRENT FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-160-498-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 122
US-10-140-925-402
; Sequence 402, Application US/10/140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT

```

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; ORGANISM: Homo Sapien
US-10-140-925-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 121
US-10-160-498-402
; Sequence 402, Application US/10/160498
; Publication No. US20030073216A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C451
; CURRENT APPLICATION NUMBER: US/10/160,498
; CURRENT FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-160-498-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 122

```

US-10-124-824-402

; Sequence 402, Application US/10124824
; Publication No. US20030077659A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C68

; CURRENT FILING DATE: 2002-04-17

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-124-824-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQGVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQGVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 123

US-10-127-825A-402

; Sequence 402, Application US/10127825A

; Publication No. US2003007710A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C84

; CURRENT FILING DATE: 2002-04-22

; Prior Application removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-127-825A-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQGVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQGVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 124

US-10-127-825A-402

; Sequence 402, Application US/10127825A

; Publication No. US2003007711A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C102
; CURRENT APPLICATION NUMBER: US/10/127,829A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-829A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 125
US-10-127-835A-402
; Sequence 402, Application US/10127835A
; Publication No. US2003007712A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C105

; FILE REFERENCE: P3330R1C102
; CURRENT APPLICATION NUMBER: US/10/127,835A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-835A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 126
US-10-127-839A-402
; Sequence 402, Application US/10127839A
; Publication No. US2003007713A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C105


```

; CURRENT APPLICATION NUMBER: US/10/127,839A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-839A-402

```

```

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTITSPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

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RESULT 127
US-10-127-901A-402
; Sequence 402, Application US/10127901A
; Publication No. US2003007714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P33301C86
; CURRENT APPLICATION NUMBER: US/10/127,901A

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; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-901A-402

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Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTITSPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

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RESULT 128
US-10-128-693A-402
; Sequence 402, Application US/10128693A
; Publication No. US2003007715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P33301C86
; CURRENT APPLICATION NUMBER: US/10/128,693A
; CURRENT FILING DATE: 2002-04-23

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; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-893A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLFLMGTLSVSQTVLQDLALLVFPQGVQALSCITLSPQHVITRDYGVSWYQQR 60
Db 1 MACCLFLMGTLSVSQTVLQDLALLVFPQGVQALSCITLSPQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 129
US-10-131-813A-402
; Sequence 402, Application US/10131813A
; Publication No. US2003007716A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C139
; CURRENT APPLICATION NUMBER: US/10/131.813A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-813A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLFLMGTLSVSQTVLQDLALLVFPQGVQALSCITLSPQHVITRDYGVSWYQQR 60
Db 1 MACCLFLMGTLSVSQTVLQDLALLVFPQGVQALSCITLSPQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 130
US-10-131-818A-402
; Sequence 402, Application US/10131818A
; Publication No. US2003007717A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C141
; CURRENT APPLICATION NUMBER: US/10/131.818A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18

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; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-818A-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 131
US-10-131-823A-402
; Sequence 402, Application US/10131823A
; Publication No. US2003007718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C143
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: US/10/131,823A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26

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; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-823A-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 132
US-10-131-824A-402
; Sequence 402, Application US/10131824A
; Publication No. US2003007719A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C26
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: US/10/131,824A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26

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;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059115
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059117
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059122
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059184
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059263
;; PRIOR FILING DATE: 1997-09-18
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/059588
;; PRIOR FILING DATE: 1997-09-19
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-131-824A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 133
US-10-131-830A-402
;; Sequence 402, Application US/10131830A
;; Publication No. US2003007720A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Filvarcoff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3330R1C137
;; CURRENT APPLICATION NUMBER: US/10/131,830A
;; CURRENT FILING DATE: 2002-10-17
;; PRIOR APPLICATION NUMBER: 60/049911
;; PRIOR FILING DATE: 1997-06-18
;; PRIOR APPLICATION NUMBER: 60/056974
;; PRIOR FILING DATE: 1997-08-26
;; PRIOR APPLICATION NUMBER: 60/059113

;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059115
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059117
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059122
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059184
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059263
;; PRIOR FILING DATE: 1997-09-18
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/059588
;; PRIOR FILING DATE: 1997-09-19
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-131-830A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 134
US-10-131-837A-402
;; Sequence 402, Application US/10131837A
;; Publication No. US2003007721A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Filvarcoff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3330R1C131
;; CURRENT APPLICATION NUMBER: US/10/131,837A
;; CURRENT FILING DATE: 2002-10-15
;; PRIOR APPLICATION NUMBER: 60/049911
;; PRIOR FILING DATE: 1997-06-18
;; PRIOR APPLICATION NUMBER: 60/056974
;; PRIOR FILING DATE: 1997-08-26
;; PRIOR APPLICATION NUMBER: 60/059113

PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-837A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 135
US-10-137-872A-402
Sequence 402, Application US/10137872A
Publication No. US2003007722A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C150
CURRENT APPLICATION NUMBER: US/10/137, 872A
CURRENT FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-137-872A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 136
US-10-147-500-402
Sequence 402, Application US/10147500
Publication No. US2003007723A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C25
CURRENT APPLICATION NUMBER: US/10/147,500
CURRENT FILING DATE: 2002-05-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-500-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 137

US-10-147-502-402
 ; Sequence 402, Application US/10147502
 ; Publication No. US2003007724A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C342
 ; CURRENT APPLICATION NUMBER: US/10/147,515
 ; CURRENT FILING DATE: 2002-05-17
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-147-515-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 139

US-10-147-517-402
 ; Sequence 402, Application US/10147517
 ; Publication No. US2003007726A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C337

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 138

US-10-147-515-402
 ; Sequence 402, Application US/10147515
 ; Publication No. US2003007725A1

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; CURRENT APPLICATION NUMBER: US/10/147,517
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-517-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 140
US-10-147-526-402
; Sequence 402, Application US/10147526
; Publication No. US2003007727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C343
; CURRENT APPLICATION NUMBER: US/10/147,526
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-526-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 140
US-10-147-526-402
; Sequence 402, Application US/10147526
; Publication No. US2003007727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C343
; CURRENT APPLICATION NUMBER: US/10/147,526
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-526-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
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QY 121 FSP 123
DB 121 FSP 123

RESULT 141
US-10-147-527-402
; Sequence 402, Application US/10147527
; Publication No. US2003007728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/147,527
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-527-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 142
US-10-121-041-402
; Sequence 402, Application US/10121041
; Publication No. US2003007776A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
```

```

; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C9
; CURRENT APPLICATION NUMBER: US/10/121,041
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-041-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 14; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 143
US-10-121-043-402
; Sequence 402, Application US/10121043
; Publication No. US2003007777A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C4
; CURRENT APPLICATION NUMBER: US/10/121,047
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-043-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 14; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 144
US-10-121-047-402
; Sequence 402, Application US/10121047
; Publication No. US2003007777A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C4
; CURRENT APPLICATION NUMBER: US/10/121,047
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-047-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 14; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 145
US-10-123-215-402
; Sequence 402, Application US/10123215
; Publication No. US2003007780A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C5
; CURRENT APPLICATION NUMBER: US/10/121,043
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-043-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 14; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123
```


APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C41
CURRENT APPLICATION NUMBER: US/10/123,215
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-215-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 145
US-10-123-902-402
Sequence 402, Application US/10123902
Publication No. US2003007781A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C41
CURRENT APPLICATION NUMBER: US/10/123,902
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-902-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-902-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 147
US-10-123-908-402
Sequence 402, Application US/10123908
Publication No. US2003007782A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C44
CURRENT APPLICATION NUMBER: US/10/123,908
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-908-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 Db 121 FSP 123

RESULT 148

US-10-123-909-402

; Sequence 402, Application US/10123909

; Publication No. US2003007783A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C49

; CURRENT FILING DATE: 2002-04-16

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-909-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 149

US-10-123-910-402

; Sequence 402, Application US/10123910

; Publication No. US2003007784A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C45
 ; CURRENT FILING DATE: 2002-04-16
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-123-910-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 150

US-10-124-813-402

; Sequence 402, Application US/10124813

; Publication No. US2003007785A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C67

; CURRENT FILING DATE: 2002-04-17

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-124-813-402

Query Match

Best Local Similarity 100.0%; Score 657; DB 14; Length 123;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 151

US-10-124-817-402
; Sequence 402, Application US/10124817
; Publication No. US2003007786A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C56
; CURRENT APPLICATION NUMBER: US/10/124,817
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-817-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 152

US-10-125-922-402
; Sequence 402, Application US/10125922
; Publication No. US2003007788A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C73
; CURRENT APPLICATION NUMBER: US/10/125,922
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-125-922-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 153

US-10-125-924-402
; Sequence 402, Application US/10125924
; Publication No. US2003007788A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C75
; CURRENT APPLICATION NUMBER: US/10/125,924
; CURRENT FILING DATE: 2002-04-19

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-125-924-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 154

US-10-140-860-402
; Sequence 402, Application US/10140860
; Publication No. US20030077789A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC189
; CURRENT APPLICATION NUMBER: US/10/140.860
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-860-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
QY 121 FSP 123

Db 121 FSP 123

RESULT 155

US-10-142-417-402
; Sequence 402, Application US/10142417
; Publication No. US20030077790A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC232
; CURRENT APPLICATION NUMBER: US/10/142.417
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-417-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 156

US-10-147-519-402
; Sequence 402, Application US/10147519
; Publication No. US20030077791A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC189
; CURRENT APPLICATION NUMBER: US/10/140.860
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-860-402

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C346
CURRENT APPLICATION NUMBER: US/10/147,519
Prior Application removed - 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-519-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 157
US-10-157-782-402
; Sequence 402, Application US/10157782
; Publication No. US2003007792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C405
; CURRENT APPLICATION NUMBER: US/10/157,782
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-782-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 158
US-10-152-395-402
; Sequence 402, Application US/10152395
; Publication No. US20030078377A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C405
; CURRENT APPLICATION NUMBER: US/10/152,395
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-395-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 159
US-10-125-926A-402
; Sequence 402, Application US/10125926A
; Publication No. US20030082686A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 158
US-10-152-395-402
; Sequence 402, Application US/10152395
; Publication No. US20030078377A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C405
; CURRENT APPLICATION NUMBER: US/10/152,395
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-395-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 159
US-10-125-926A-402
; Sequence 402, Application US/10125926A
; Publication No. US20030082686A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C80
 ; CURRENT APPLICATION NUMBER: US/10/125,926A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/043911

; PRIOR FILING DATE: 1997-08-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

; US-10-125-926A-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

Db 1 MACRCLFLLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 160

US-10-125-930A-402

; Sequence 402, Application US/10125930A

; Publication No US20030082687A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C78

; CURRENT APPLICATION NUMBER: US/10/125,930A

; CURRENT FILING DATE: 2002-04-19

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

; US-10-125-930A-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

Db 1 MACRCLFLLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 161

US-10-127-831A-402

; Sequence 402, Application US/10127831A

; Publication No. US20030082689A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C107
CURRENT APPLICATION NUMBER: US/10/127,831A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-831A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 162
US-10-127-837A-402
Sequence 402, Application US/10127837A
Publication No. US20030082690A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C96
CURRENT APPLICATION NUMBER: US/10/127,837A
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-837A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 163
US-10-127-838B-402
Sequence 402, Application US/10127838B
Publication No. US20030082691A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C98
 ; CURRENT APPLICATION NUMBER: US/10/127,838B
 ; CURRENT FILING DATE: 2002-04-22
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-127-838B-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQGVQAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQGVQAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120
 QY 121 FSP 123
 Db 121 FSP 123

RESULT 164

US-10-127-842A-402
 ; Sequence 402, Application US/10127842A
 ; Publication No. US20030082692A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C100
 ; CURRENT APPLICATION NUMBER: US/10/127,842A
 ; CURRENT FILING DATE: 2002-10-15
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-127-842A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQGVQAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQGVQAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCVSVGYG 120
 QY 121 FSP 123
 Db 121 FSP 123

RESULT 165

US-10-127-843A-402
 ; Sequence 402, Application US/10127843A
 ; Publication No. US20030082693A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C99
CURRENT APPLICATION NUMBER: US/10/127,843A
CURRENT FILING DATE: 2002-04-22
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-843A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFLMGTFLLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSNYQQR 60
DB 1 MACRCLSLFLMGTFLLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSNYQQR 60

QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 166
US-10-127-845A-402
Sequence 402, Application US/10127845A
Publication No. US2003008269A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C93
CURRENT APPLICATION NUMBER: US/10/127,845A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-845A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFLMGTFLLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSNYQQR 60
DB 1 MACRCLSLFLMGTFLLSVTSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSNYQQR 60

QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 167
US-10-127-846A-402
Sequence 402, Application US/10127846A
Publication No. US20030082695A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tamas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C94
 ; CURRENT APPLICATION NUMBER: US/10/127,846A
 ; CURRENT FILING DATE: 2002-10-15
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-127-846A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSLFGLMGFLSVSQTVALQDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLSLFGLMGFLSVSQTVALQDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 Db 121 FSP 123

RESULT 168
 US-10-127-848A-402
 ; Sequence 402, Application US/10127848A
 ; Publication No. US20030082696A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tamas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C106
 ; CURRENT APPLICATION NUMBER: US/10/127,848A
 ; CURRENT FILING DATE: 2002-10-15
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-127-848A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSLFGLMGFLSVSQTVALQDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLSLFGLMGFLSVSQTVALQDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 Db 121 FSP 123

RESULT 169
 US-10-127-848A-402
 ; Sequence 402, Application US/10127848A
 ; Publication No. US20030082697A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C103
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-849A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFELSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFELSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYVCVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYVCVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 170
US-10-127-850A-402
Sequence 402, Application US/10127850A
Publication No. US20030082698A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C110
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-850A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFELSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFELSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYVCVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYVCVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 171
US-10-127-851A-402
Sequence 402, Application US/10127851A
Publication No. US20030082699A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel

```

; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C87
; CURRENT APPLICATION NUMBER: US/10/127.851A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-851A-402

```

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Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTI SPVQPEDDADYVCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTI SPVQPEDDADYVCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

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RESULT 172
US-10-128-686A-402
; Sequence 402, Application US/10128684A
; Publication No. US20030082700A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K

```

```

; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C118
; CURRENT APPLICATION NUMBER: US/10/128.684A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-684A-402

```

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Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSLMGTLFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTI SPVQPEDDADYVCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTI SPVQPEDDADYVCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

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RESULT 173
US-10-128-686A-402
; Sequence 402, Application US/10128686A
; Publication No. US20030082701A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

```